

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

**Australia/AAL****MOA PI Scientists: 10**

Brough, Sarah University of New South Wales  
*Galaxy surveys; galaxy clusters; brightest cluster galaxies; intracluster light*

Galaxies

Davis, Tamara University of Queensland  
*Cosmology; dark energy; large scale structure; weak lensing; supernovae; AGN*

Dark Energy

de Grijs, Richard Macquarie University  
*Star clusters, Local Group, Magellanic Clouds*

Stars, Milky Way, and Local Volume

Driver, Simon University of Western Australia  
*Multiwavelength galaxy surveys; galaxy evolution; low surface brightness galaxies*

Galaxies

Galloway, Duncan Monash University  
*Gravitational waves; transients*

Transients/Variable Stars

Glazebrook, Karl Swinburne University of Technology  
*Gravitational lensing; multiwavelength galaxy surveys; galaxy evolution*

Dark Energy, Strong Lensing

Jerjen, Helmut Australian National University  
*Dwarf galaxies, Milky Way satellites, galaxy formation*

Galaxies

Martell, Sarah University of New South Wales  
*Chemical tagging; Milky Way; satellites and streams*

Stars, Milky Way, and Local Volume

Meurer, Gerhardt University of Western Australia  
*Nearby galaxies*

Stars, Milky Way, and Local Volume; Galaxies

Webster, Rachel University of Melbourne  
*Gravitational lensing; AGN; quasars*

Active Galactic Nuclei; Strong Lensing

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PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Australia/AAL	University of New South Wales	Lombilla, Cristina Martinez	JR	Brough, Sarah
Australia/AAL	University of New South Wales	Montes, Mireia	JR	Brough, Sarah
Australia/AAL	University of New South Wales	Montet, Ben	JR	Brough, Sarah
3				
Australia/AAL	University of Queensland	Carr, Anthony	JR	Davis, Tamara
Australia/AAL	University of Queensland	Glanville, Aaron	JR	Davis, Tamara
Australia/AAL	University of Queensland	Hinton, Samuel	JR	Davis, Tamara
Australia/AAL	University of Queensland	Howlett, Cullen	JR	Davis, Tamara
4				
Australia/AAL	Macquarie University	Kamath, Devika	JR	de Grijs, Richard
Australia/AAL	Macquarie University	McDermid, Richard	JR	de Grijs, Richard
Australia/AAL	Macquarie University	Spitler, Lee	JR	de Grijs, Richard
Australia/AAL	Macquarie University	Zucker, Daniel	JR	de Grijs, Richard
4				
Australia/AAL	University of Western Australia	Bellstedt, Sabine	JR	Driver, Simon
Australia/AAL	University of Western Australia	Davies, Luke	JR	Driver, Simon
Australia/AAL	University of Western Australia	Meyer, Martin	JR	Driver, Simon
Australia/AAL	University of Western Australia	Robotham, Aaron	JR	Driver, Simon
4				
Australia/AAL	Monash University	Ackley, Kendall	JR	Galloway, Duncan

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Australia/AAL	Monash University	Kemp, Alexander	JR	Galloway, Duncan	
Australia/AAL	Monash University	Mandel, Ilya	JR	Galloway, Duncan	
Australia/AAL	Monash University	Mong, Yik Lun (Travis)	JR	Galloway, Duncan	4
Australia/AAL	Swinburne University of Technology	Graham, Alister	JR	Glazebrook, Karl	
Australia/AAL	Swinburne University of Technology	Jacobs, Colin	JR	Glazebrook, Karl	
Australia/AAL	Swinburne University of Technology	Ruggeri, Rossana	JR	Glazebrook, Karl	
Australia/AAL	Swinburne University of Technology	Taylor, Ned	JR	Glazebrook, Karl	4
Australia/AAL	Australian National University	Dirnberger, Markus	JR	Jerjen, Helmut	
Australia/AAL	Australian National University	Mackey, Dougal	JR	Jerjen, Helmut	
Australia/AAL	Australian National University	Wolf, Christian	JR	Jerjen, Helmut	3
Australia/AAL	University of New South Wales	Ruiter, Ashley	JR	Martell, Sarah	
Australia/AAL	University of New South Wales	Simpson, Jeffrey	JR	Martell, Sarah	
Australia/AAL	University of New South Wales	Stello, Dennis	JR	Martell, Sarah	3
Australia/AAL	University of Melbourne	Alonzi, Noura	JR	Webster, Rachel	
Australia/AAL	University of Melbourne	Auchettl, Katie	JR	Webster, Rachel	
Australia/AAL	University of Melbourne	Hon, Wei Jeat	JR	Webster, Rachel	
Australia/AAL	University of Melbourne	Paynter, James	JR	Webster, Rachel	4

<b>Total Juniors: 33</b>
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**Brazil Consortium****MOA PI Scientists: 9**

Bueno de Camargo, Juli <i>Transneptunian region and Centaurs</i>	Observatório Nacional / MCTIC	Solar System, Transients
da Costa, Luiz Nicolaci <i>Dark Energy</i>	Observatório Nacional, LIneA	Dark Energy
Lima, Marcos Vinicius B <i>Dark Energy</i>	Universidade Estadual de São Paulo	DESC
Marra, Valerio <i>Dark Energy</i>	Universidade Federal do Espírito Santo	DESC
Ogando, Ricardo <i>Galaxy evolution, galaxy clusters, e-science</i>	Observatório Nacional, LIneA	Galaxies; Informatics and Statistics
Rosenfeld, Rogerio <i>Covariance matrices, Parameter estimation</i>	Instituto de Física Teórica -UNESP	Dark Energy
Santiago, Basílio <i>Star clusters, dwarf galaxies, stellar clouds and streams, Galactic structure, Magellanic Clouds, low-mass stars and substellar objects</i>	Universidade Federal do Rio Grande do Sul (UFRGS) A	Stars, Milky-Way, and Local Volume
Sobreira, Flávia <i>Galaxy, Stars, Milk Way, Dark Energy, Information and Statistics</i>	Universidade Estadual de Campinas	Galaxy, Stars, Dark Energy, Information and Statistics

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**PI Name and Science Interest** Institution

ScienceCollaboration

Vitenti, Mariana Penna      Universidade de Brasilia  
*Dark Energy*

DESC

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Brazil Consortium	Observatório Nacional / MCTIC	Banda-Huarca, Martín Valentín	JR	Bueno de Camargo, Julio Ign
Brazil Consortium	Observatório Nacional / MCTIC	Benedetti-Rossi, Gustavo	JR	Bueno de Camargo, Julio Ign
Brazil Consortium	Observatório Nacional / MCTIC	Bouffleur, Rodrigo	JR	Bueno de Camargo, Julio Ign
Brazil Consortium	Observatório Nacional / MCTIC	Rommel, Flavia	JR	Bueno de Camargo, Julio Ign
				4
Brazil Consortium	Universidade Estadual de São Paulo	Gomes, Daniel Charles Heringer	JR	Lima, Marcos
Brazil Consortium	Universidade Estadual de São Paulo	Gomes, Rafael Charles Heringer	JR	Lima, Marcos
				2
Brazil Consortium	Universidade Federal do Espírito Santo	Baqui, Pedro Otavio Souza	JR	Marra, Valerio
Brazil Consortium	Universidade Federal do Espírito Santo	Ferreira, Tassia Andrade	JR	Marra, Valerio
Brazil Consortium	Universidade Federal do Espírito Santo	Silva, Rodrigo Duarte	JR	Marra, Valerio
				3
Brazil Consortium	IF/USP, LIneA	Aguena, Michel	JR	Ogando, Ricardo
Brazil Consortium	Observatório Nacional, LIneA	dos Santos, Hillysson	JR	Ogando, Ricardo
Brazil Consortium	Observatório Nacional, LIneA	Gschwend, Julia	JR	Ogando, Ricardo
				3
Brazil Consortium	Instituto de Física Teórica -UNESP	de los Rios, Martin	JR	Rosenfeld, Rogerio
Brazil Consortium	Instituto de Física Teórica -UNESP	Oliveira, Felipe	JR	Rosenfeld, Rogerio
Brazil Consortium	Instituto de Física Teórica -UNESP	Troja, Antonino	JR	Rosenfeld, Rogerio
				3
Brazil Consortium	Universidade Federal do Rio Grande do Sul (UFRGS) AND Laboratório Interinstitucional	Dal Ponte, Marina	JR	Santiago, Basílio

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PI Name and Science Interest			Institution		ScienceCollaboration	
Brazil Consortium	Universidade Federal do Rio Grande do Sul (UFRGS) AND Laboratório Interinstitucional	Pieres, Adriano	JR	Santiago, Basílio	2	
Brazil Consortium	Universidade Estadual de Campinas	Brandão de Souza, Anderson Luiz	JR	Sobreira, Flávia		
Brazil Consortium	Universidade Estadual de São Paulo	Camacho, Hugo	JR	Sobreira, Flávia	2	
Brazil Consortium	Universidade de Brasília	Vitenti, Sandro Dias Pinto	JR	Vitenti, Mariana	1	
<b>Total Juniors: 20</b>						

**Canada**

**MOA PI Scientists: 10**

Abraham, Roberto	University of Toronto	<i>low surface brightness galaxies baryon fraction in the local volume pipeline development (high-precision flat-fielding)</i>	Galaxies
Balogh, Michael	University of Waterloo		LSS and BAO
Blakeslee, John	National Research Council of Canada, Herzberg Astron	<i>transient sky; cosmology / image subtraction; identification of transient sources</i>	Transients; Dark Energy; Information and Statistics
Bovy, Jo	University of Toronto	<i>wide-field studies of the Milky Way's disk and halo with LSST</i>	Galaxies; Stars, MW & Local Volume

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**PI Name and Science Interest** Institution

ScienceCollaboration

Gallagher, Sarah Western University  
*multi-band variability, reverberation mapping*

Active Galactic Nuclei

Gladman, Brett University of British Columbia  
*moving object detection and orbital linkage for solar system objects (asteroids, comets, other small bodies and even larger moving objects)*

Solar system

Hall, Patrick York University

AGN; Transients; Informatics and Statistics

Hlozek, Renee University of Toronto  
*Photometric supernova studies, dark energy, cross correlation with other surveys*

DESC (already member)

Moon, Dae-Sik University of Toronto  
*Supernovae, Optical Transients, Software Development, Follow-up Observations*

Supernovae, Optical Transients, Software,  
Follow-up Observations

Van Waerbeke, Ludovic University of British Columbia  
*Dark energy, dark matter, Galaxy shape measurement, big data, statistics*

Dark energy, AGN, LSS and BAO, Informatics  
and statistics



MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName	
Canada	National Research Council of Canada, Herzberg Astronomy & Astrophysics	Roediger, Joel	JR	Blakeslee, John	1
Canada	Western University	Dewsnap, Logan	JR	Gallagher, Sarah	
Canada	Western University	Khatu, Viraja	JR	Gallagher, Sarah	
Canada	Western University	Tammour, Aycha	JR	Gallagher, Sarah	
					3
Canada	University of British Columbia	Ashton, Edward	JR	Gladman, Brett	1
Canada	University of Toronto	Bahmanyar, Anita	JR	Hlozek, Renee	
Canada	University of Toronto	Lokken, Martine	JR	Hlozek, Renee	
Canada	University of Toronto	Peters, Christina	JR	Hlozek, Renee	
Canada	University of Toronto	Sheere, Connor	JR	Hlozek, Renee	4
Canada	University of Toronto	Antoniadis, John	JR	Moon, Dae-Sik	
Canada	University of Toronto	Ni, Yuan	JR	Moon, Dae-Sik	
					2
Canada	University of British Columbia	Hojjati, Alireza	JR	Van Waerbeke, Ludovic	
Canada	University of British Columbia	Mead, Alex	JR	Van Waerbeke, Ludovic	
Canada	University of British Columbia	Troester, Tilman	JR	Van Waerbeke, Ludovic	
					3
<b>Total Juniors: 14</b>					

## Unmatched PIs by MOA

Institution

**Canada****Unmatched: 4**

Abraham, Roberto

University of Toronto

Balogh, Michael

University of Waterloo

Bovy, Jo

University of Toronto

Hall, Patrick

York University

**China****MOA PI Scientists: 59**

Bai, Jinming

Yunnan Observatories

AGN; TVS

*AGN, SNe, GRB*

Caina, Hao

Tianjin Normal University

Galaxies

*Galaxies*

Chen, Bingqiu

Yunnan University

SMWLV

*Milky Way formation & evolution*

Chen, Li

Shanghai Astronomical Observatory

SMWLV

*star clusters, Milky Way structure & evolution*

Chen, Yuqin

National Astronomical Observatories of China

SMWLV

*Galactic structure, Formation and evolution*

Dong, Xiaobo

Yunnan Observatories

AGN; TVS

*AGN, TDE*

Er, Xinzhong

Yunnan University

DESC

*lensed QSO, dark energy*

Fan, Zuhui

Yunnan University

DESC

*Cosmology, Weak lensing studies*

MOAName

PI Name and Science Interest	Institution	ScienceCollaboration
Fang, Taotao <i>Galaxy formation and evolution, the intergalactic medium and the circumgalactic medium</i>	Xiamen University	Galaxies
Fang, Wenjuan <i>cosmology</i>	University of Science and Technology of China	DESC
Gao, Liang <i>galaxy clusters, simulations</i>	National Astronomical Observatories of China	DESC; LSS
Gao, Yu <i>star formation</i>	Purple Mountain Observatory	Galaxies
Gong, Yan <i>SN Ia cosmology, BAO and weak lensing; photo-z calibration for SN Ia and galaxy</i>	National Astronomical Observatories of China	DESC; LSS
Guo, Hong <i>galaxy evolution, galaxy clustering using photo-z sample</i>	Shanghai Astronomical Observatory	Galaxies
Hao, Lei <i>nearby galaxies; LSB; AGN variability, clustering, environment, &amp; host galaxies</i>	Shanghai Astronomical Observatory	Galaxies; AGN
Herczeg, Gregory <i>star formation and pre-main-sequence evolution</i>	Peking University/KIAA	SMWL
Ho, Luis <i>AGN variability, tidal disruption events, galaxy structure</i>	Peking University/KIAA	Galaxies; AGN
Hou, Jinliang <i>star clusters, Milky Way structure &amp; evolution</i>	Shanghai Astronomical Observatory	SMWL
Huang, Feng <i>The nature of Dark Matter and how is it distributed; low-mass galaxies distribution</i>	Xiamen University	LSS; Galaxies
Jiang, Linhua <i>high redshift quasars and galaxies</i>	Peking University/KIAA	AGN

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PI Name and Science Interest	Institution	ScienceCollaboration
Liu, Guilin <i>AGN/galaxies</i>	University of Science and Technology of China	AGN; Galaxies
Liu, Jifeng <i>blackholes, Milky Way</i>	National Astronomical Observatories of China	SMWLV
Liu, Tong <i>Gamma-ray bursts and supernovae; Black hole accretion disks; Tidal disruption events; Protoplanetary disks.</i>	Xiamen University	TVS
Liu, Xiangkun <i>weak lensing analysis</i>	Yunnan University	DESC
Luo, Bin <i>AGN evolution, variability, &amp; transients</i>	Nanjing University	AGN; TVS
Luo, Zhijian <i>galaxy formation</i>	Shanghai Normal University	Galaxies
Ma, Renyi <i>Transient AGNs; AGNs broadband SED and their variability</i>	Xiamen University	AGN
Napolitano, Nicola R. <i>galaxies, strong lensing, BAO</i>	Sun Yat-sen University	DESC, Galaxies
Peng, Eric <i>Neaby galaxies and the Milky Way</i>	Peking University/KIAA	SMWLV; Galaxies
Peng, Yingjie <i>galaxy formation and evolution</i>	Peking University/KIAA	Galaxies; LSS
Qiu, Yulei <i>Gamma-ray Butsts, Supernovae</i>	National Astronomical Observatories of China	TVS
Shang, Zhaohui <i>QSOs</i>	Tianjin Normal University	AGN

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PI Name and Science Interest	Institution	ScienceCollaboration
Shao, Zhengyi <i>galaxy morphology, dust, LSB</i>	Shanghai Astronomical Observatory	Galaxies
Shen, Shiyin <i>(dwarf) galaxy structure, stellar pop, environment; ANG variability &amp; correlation with other properties</i>	Shanghai Astronomical Observatory	Galaxies; AGN
Shi, Yong <i>Variability of AGN, SMBH binary systems</i>	Nanjing University	AGN
Shu, Chenggang <i>galaxy formation</i>	Shanghai Normal University	Galaxies
Wang, Fayin <i>GRB</i>	Nanjing University	TVS
Wang, Jian-Min <i>High-energy astrophysics, AGN, AGN variability</i>	Institute of High Energy Physics	AGN
Wang, Junfeng <i>AGN &amp; AGN variability, Galaxy mergers, galaxy assembly history</i>	Xiamen University	AGN; Galaxies
Wang, Junxian <i>AGN/galaxies</i>	University of Science and Technology of China	AGN; Galaxies
Wang, Tinggui <i>Transient/AGN</i>	University of Science and Technology of China	TVS; AGN
Wang, Xiaofeng <i>supernova, transients</i>	Tsinghua University	TVS
Wu, Hong <i>LSBs, Luminous Infrared galaxies, Infrared quasar</i>	National Astronomical Observatories of China	Galaxies; AGN
Wu, Xue-Bing <i>high redshift quasars, AGN, Supermassive black holes</i>	Peking University/KIAA	AGN

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**PI Name and Science Interest** Institution

ScienceCollaboration

Xu, Dong National Astronomical Observatories of China  
*gamma-ray burst, supernova, tidal-disruption events; wide-field survey technology*

TVS

Xue, Yongquan University of Science and Technology of China  
*AGN/galaxies*

AGN; Galaxies

Yang, Xiaohu Shanghai Jiao Tong University  
*Galaxy clusters, WL*

DESC

Yu, Wenfei Shanghai Astronomical Observatory  
*High-energy astrophysics, transients*

TVS

Yu, Yu Shanghai Jiao Tong University  
*LSS, WL, simulation, mock*

DESC

Yuan, Feng Shanghai Astronomical Observatory  
*exoplanets; AGN flare, environment, feedback*

AGN; TVS

Zhan, Hu National Astronomical Observatories of China  
*dark energy probes; survey technology*

DESC; LSS

Zhang, Hongxin University of Science and Technology of China  
*galaxy formation and evolution*

Galaxies

Zhang, Jun Shanghai Jiao Tong University  
*weak lensing analysis*

DESC

Zhao, Donghai Shanghai Astronomical Observatory  
*galaxy cluster lensing, LSS & galaxy formation, galaxy dynamical evolution & formation history*

Galaxies; SL

Zhao, Gang National Astronomical Observatories of China  
*Galactic structure, Formation and evolution*

SMWLV

Zhao, Gong-Bo National Astronomical Observatories of China  
*dark energy and gravity tests using large scale structure*

DESC; LSS

MOAName

**PI Name and Science Interest**

**Institution**

**ScienceCollaboration**

Zhao, Jingkun

National Astronomical Observatories of China

SMWLV

*Galactic structure, white dwarfs*

Zhou, Liyong

Nanjing University

TVS

*exoplanets;*

Zu, Ying

Shanghai Jiao Tong University

DESC; AGN

*Weak lensing, galaxy mock catalogs, AGN variability, reverberation mapping*

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ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
China	Yunnan Observatories	Liu, Hongtao	JR	Bai, Jinming
China	Yunnan Observatories	Yi, Weimin	JR	Bai, Jinming
China	Yunnan Observatories	Zhang, Jujia	JR	Bai, Jinming
China	Yunnan Observatories	Zhao, Xiaohong	JR	Bai, Jinming
				4
China	Shanghai Astronomical Observatory	Lin, Jianzheng	JR	Chen, Li
				1
China	National Astronomical Observatories of China	Ablimit, Iminhaji	JR	Chen, Yuqin
China	National Astronomical Observatories of China	Liu, Cheng	JR	Chen, Yuqin
China	National Astronomical Observatories of China	Tan, Kefeng	JR	Chen, Yuqin
				3
China	Yunnan Observatories	Feng, Haicheng	JR	Dong, Xiaobo
China	Yunnan Observatories	Liu, Wenjuan	JR	Dong, Xiaobo
China	Yunnan Observatories	Wang, Jianguo	JR	Dong, Xiaobo
China	Yunnan Observatories	Zhong, Shiyan	JR	Dong, Xiaobo
				4
China	Yunnan University	Liu, Dezi	JR	Fan, Zuhui
China	Peking University	Pan, Chuzhong	JR	Fan, Zuhui
China	Peking University	Yuan, Shuo	JR	Fan, Zuhui
China	Peking University/KIAA	Zhang, Xiaoyue	JR	Fan, Zuhui
				4



China	Xiamen University	Cheng, Zhongqun	JR	Fang, Taotao	
China	Xiamen University	Zhang, Xiaoxia	JR	Fang, Taotao	2
China	University of Science and Technology of China	Jiang, Aoxiang	JR	Fang, Wenjuan	
China	University of Science and Technology of China	Zhang, Yufei	JR	Fang, Wenjuan	2
China	National Astronomical Observatories of China	Cao, Ye	JR	Gong, Yan	
China	National Astronomical Observatories of China	Cheng, Gong	JR	Gong, Yan	2
China	Shanghai Astronomical Observatory	Jiang, Chunyan	JR	Guo, Hong	1
China	Shanghai Astronomical Observatory	Li, Zhaoyu	JR	Hao, Lei	1
China	Peking University/KIAA	Yu, Niankun	JR	Ho, Luis	
China	Peking University/KIAA	Yu, Siyue	JR	Ho, Luis	
China	Peking University/KIAA	Zhang, Lulu	JR	Ho, Luis	
China	Peking University/KIAA	Zhuang, Mingyang	JR	Ho, Luis	4
China	Shanghai Astronomical Observatory	Fu, Jian	JR	Hou, Jinliang	
China	Shanghai Astronomical Observatory	Zhong, Jing	JR	Hou, Jinliang	2
China	Peking University/KIAA	Guo, Yuchen	JR	Jiang, Linhua	

China	Peking University/KIAA	Ning, Yuanhang	JR	Jiang, Linhua	
China	Peking University/KIAA	Wang, Shu	JR	Jiang, Linhua	
China	Peking University/KIAA	Wu, Jin	JR	Jiang, Linhua	4
China	Peking University/KIAA	Dou, Jing	JR	Peng, Yingjie	
China	Peking University/KIAA	Man, Zhongyi	JR	Peng, Yingjie	
China	Peking University/KIAA	Zhang, Chengpeng	JR	Peng, Yingjie	3
China	National Astronomical Observatories of China	Han, Xuhui	JR	Qiu, Yulei	
China	National Astronomical Observatories of China	Wang, Jin	JR	Qiu, Yulei	
China	National Astronomical Observatories of China	Wu, Chao	JR	Qiu, Yulei	
China	National Astronomical Observatories of China	Xin, Liping	JR	Qiu, Yulei	4
China	Nanjing University	Chen, Yanmei	JR	Shi, Yong	1
China	University of Science and Technology of China	Jiang, Ning	JR	Wang, Tinggui	1
China	University of Science and Technology of China	He, Zhicheng	JR	Wang, Tinggui; Liu, Guilin	1
China	National Astronomical Observatories of China	Du, Wei	JR	Wu, Hong	
China	National Astronomical Observatories of China	Wu, Chao-Jian	JR	Wu, Hong	
China	National Astronomical Observatories of China	Zhang, Wei	JR	Wu, Hong	

MOAName	PI Name and Science Interest	Institution	ScienceCollaboration	
				3
China	Peking University/KIAA	Feng, Xiaotong	JR	Wu, Xue-Bing
China	Peking University/KIAA	Fu, Yuming	JR	Wu, Xue-Bing
China	Peking University/KIAA	Joshi, Ravi	JR	Wu, Xue-Bing
China	Peking University/KIAA	Ma, Qinchun	JR	Wu, Xue-Bing
				4
China	National Astronomical Observatories of China	Yu, Bangyao	JR	Xu, Dong
China	National Astronomical Observatories of China	Zhu, Zipei	JR	Xu, Dong
				2
China	Shanghai Astronomical Observatory	Yan, Zhen	JR	Yu, Wenfei
China	Shanghai Astronomical Observatory	Zhang, Hui (2)	JR	Yu, Wenfei
				2
China	Shanghai Astronomical Observatory	Chen, Liang	JR	Yuan, Feng
				1
China	National Astronomical Observatories of China	Meng, Xianmin	JR	Zhan, Hu
China	National Astronomical Observatories of China	Tang, Huaijin	JR	Zhan, Hu
China	National Astronomical Observatories of China	Xu, Youhua	JR	Zhan, Hu
				3
China	Shanghai Jiao Tong University	Luo, Wentao	JR	Zhang, Jun
China	Shanghai Jiao Tong University	Zhang, Le	JR	Zhang, Jun
				2
China	Shanghai Astronomical Observatory	Zhang, Youcai	JR	Zhao, Donghai

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					1
China	National Astronomical Observatories of China	Li, Haining	JR	Zhao, Gang	
China	National Astronomical Observatories of China	Xing, Qianfan	JR	Zhao, Gang	
China	National Astronomical Observatories of China	Zhang, Lan	JR	Zhao, Gang	
					3
China	National Astronomical Observatories of China	Du, Wei (2)	JR	Zhao, Gong-Bo	
China	National Astronomical Observatories of China	Li, Jian	JR	Zhao, Gong-Bo	
China	National Astronomical Observatories of China	Tiwari, Prabhakar	JR	Zhao, Gong-Bo	
China	National Astronomical Observatories of China	Wang, Yuting	JR	Zhao, Gong-Bo	
					4
China	Nanjing University	Li, Jian (2)	JR	Zhou, Liyong	
China	Nanjing University	Zhang, Hui	JR	Zhou, Liyong	
					2
<b>Total Juniors: 71</b>					

**Czech/FZU**

Kubánek, Petr

**MOA PI Scientists: 2**

Institute of Physics, The Czech Academy of Sciences

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

Prouza, Michael Institute of Physics, The Czech Academy of Sciences

MOAName	Institution	Scientist Name	Status	MentorName
Czech/FZU	Institute of Physics, The Czech Academy of Sciences	Bajat, Armelle	JR	Prouza, Michael
Czech/FZU	Institute of Physics, The Czech Academy of Sciences	Christov, Asen	JR	Prouza, Michael
Czech/FZU	Institute of Physics, The Czech Academy of Sciences	Karpov, Sergey	JR	Prouza, Michael
Czech/FZU	Institute of Physics, The Czech Academy of Sciences	Vraštil, Michal	JR	Prouza, Michael
<b>Total Juniors: 4</b>				4

**France/IN2P3**

**MOA PI Scientists: 54**

Ansari, Réza

Laboratoire de l'Accélérateur Linéaire (LAL)

Dark Energy

*ComputingCosmology : Photo-z, BAO*

Antilogus, Pierre

Laboratoire de Physique Nucléaire et de Hautes Énergi

Dark Energy

*CameraCosmology*

PI Name and Science Interest	Institution	ScienceCollaboration
Astier, Pierre <i>ComputingCosmology : Sensor anomaly – Photometric calibration</i>	Laboratoire de Physique Nucléaire et de Hautes Énergi	Dark Energy
Aubourg, Éric <i>Camera : CCSCosmology</i>	Astroparticule et Cosmologie (APC)	Dark Energy
Barrau, Aurélien <i>Camera</i>	Laboratoire de Physique Subatomique et de Cosmolog	Dark Energy
Bartlett, James <i>Cosmology : Lensing, clusters</i>	Astroparticule et Cosmologie (APC)	Dark Energy
Baumont, Sylvain <i>Cosmology : Phtometric calibration</i>	Laboratoire de Physique Nucléaire et de Hautes Énergi	Dark Energy
Bétoule, Marc <i>ComputingCosmology : Photometric calibration – Supernovae</i>	Laboratoire de Physique Nucléaire et de Hautes Énergi	Dark Energy
Blanc, Guillaume <i>Photometric CalibrationCosmology : Photo-z, BAO, Lensing</i>	Laboratoire de l'Accélérateur Linéaire (LAL)	Dark Energy
Bongard, Sébastien <i>Cosmology : Photometric calibration</i>	Laboratoire de Physique Nucléaire et de Hautes Énergi	Dark Energy
Boucaud, Alexandre	Astroparticule et Cosmologie (APC)	Dark Energy
Boutigny, Dominique	Laboratoire d' Annecy-le-Vieux de Physique des Partic	Dark Energy
Campagne, Jean-Éric <i>Cosmology : Photo-z, BAO</i>	Laboratoire de l'Accélérateur Linéaire (LAL)	Dark Energy
Cavet, Cécile <i>Cosmology : Joint probes</i>	Astroparticule et Cosmologie (APC)	Dark Energy

MOAName

PI Name and Science Interest	Institution	ScienceCollaboration
Cohen-Tanugi, Johann <i>CameraComputingCosmology</i>	Laboratoire Univers et Particules de Montpellier (LUP)	Dark Energy
Combet, Céline <i>Cosmology : Clusters</i>	Laboratoire de Physique Subatomique et de Cosmolog	Dark Energy
Copin, Yannick	Laboratoire des Matériaux Avancés (LMA)	Dark Energy
Dagoret-Campagne, Syl <i>Photometric calibration Cosmology : Photo-z, BAO, Lensing</i>	Laboratoire de l'Accélérateur Linéaire (LAL)	
Derome, Laurent <i>Computing</i>	Laboratoire de Physique Subatomique et de Cosmolog	Dark Energy
Errard, Josquin <i>Cosmology : BAO</i>	Astroparticule et Cosmologie (APC)	Dark Energy
Escoffier, Stéphanie <i>Cosmology : BAO</i>	Centre de Physique des Particules de Marseille (CPPM)	Dark Energy
Feinstein, Fabrice <i>Cosmology : Photometric Calibration</i>	Centre de Physique des Particules de Marseille (CPPM)	Dark Energy
Fouchez, Dominique <i>ComputingCosmology : Supernovae</i>	Centre de Physique des Particules de Marseille (CPPM)	Dark Energy
Ganga, Ken <i>Cosmology : Joint probes</i>	Astroparticule et Cosmologie (APC)	Dark Energy
Gangler, Emmanuel <i>Camera ComputingCosmology : Supernovae</i>	Laboratoire de Physique Corpusculaire (LPC)	Dark Energy
Gris, Philippe <i>Computing Cosmology : Supernovae</i>	Laboratoire de Physique Corpusculaire (LPC)	Dark Energy

Hardin, Delphine Laboratoire de Physique Nucléaire et de Hautes Énergi

Dark Energy

*Cosmology : Photometric calibration*

Hernandez, Fabio Centre de Calcul de l'IN2P3 (CCIN2P3)

Dark Energy

Ishida, Emille Laboratoire de Physique Corpusculaire (LPC)

Dark Energy

Juramy, Claire Laboratoire de Physique Nucléaire et de Hautes Énergi

Dark Energy

Le Guillou, Laurent Laboratoire de Physique Nucléaire et de Hautes Énergi

Dark Energy

*Cosmology : Sensor Anomaly – Photometric Calibration*

Le Jeune, Maud Astroparticule et Cosmologie (APC)

Dark Energy

*Cosmology : Joint probes*

Maurin, David Laboratoire de Physique Subatomique et de Cosmolog

Dark Energy

Moniez, Marc Laboratoire de l'Accélérateur Linéaire (LAL)

Dark Energy

*ElectronicsPhotometric calibrationCosmology : Photo-z, BAO, Dark matter*

Neveu, Jérémy Laboratoire de l'Accélérateur Linéaire (LAL)

Dark Energy

*Cosmology : Photo-z, BAO, Lensing*

Nuss, Éric Laboratoire Univers et Particules de Montpellier (LUP)

Dark Energy

*Cosmology : Photo-z, Photometric calibration*

Pauna, Nicoleta Laboratoire de Physique Corpusculaire (LPC)

Dark Energy

Peloton, Julien Laboratoire de l'Accélérateur Linéaire (LAL)

Dark Energy



PI Name and Science Interest	Institution	ScienceCollaboration
Perdereau, Olivier <i>Cosmology : Theory, Joint Probes</i>	Laboratoire de l'Accélérateur Linéaire (LAL)	Dark Energy
Plaszczynski, Stéphane <i>Cosmology : Theory, Joint Probes, Neutrinos</i>	Laboratoire de l'Accélérateur Linéaire (LAL)	Dark Energy
Plez, Bertrand <i>Cosmology : Photometric calibration</i>	Laboratoire Univers et Particules de Montpellier (LUP)	Dark Energy
Puy, Denis <i>Cosmology</i>	Laboratoire Univers et Particules de Montpellier (LUP)	Dark Energy
Racine, Benjamin	Centre de Physique des Particules de Marseille (CPPM)	Dark Energy
Regnault, Nicolas <i>Cosmology : Sensor Anomaly – Photometric Calibration – Supernovae</i>	Laboratoire de Physique Nucléaire et de Hautes Énergi	Dark Energy
Renault, Cécile <i>ComputingCosmology : Photo-z, BAO</i>	Laboratoire de Physique Subatomique et de Cosmolog	Dark Energy
Rigault, Mickael <i>studying host environments of Type Ia supernovae</i>	Laboratoire de Physique Corpusculaire (LPC)	Transients, Galaxies
Rosnet, Philippe <i>Computing Cosmology</i>	Laboratoire de Physique Corpusculaire (LPC)	Dark Energy
Roucelle, Cécile <i>Cosmology : Photo-z</i>	Astroparticule et Cosmologie (APC)	Dark Energy
Says, Louis-Pierre <i>Camera Cosmology</i>	Laboratoire de Physique Corpusculaire (LPC)	Dark Energy
Tao, Charling <i>Cosmology : Supernovae</i>	Centre de Physique des Particules de Marseille (CPPM)	Dark Energy

MOAName

**PI Name and Science Interest** Institution

ScienceCollaboration

Tilquin, André Centre de Physique des Particules de Marseille (CPPM)  
*Cosmology : Supernovae, Theory Joint Probes*

Dark Energy

Virieux, Françoise Astroparticule et Cosmologie (APC)

Dark Energy

Wozniak, Hervé Laboratoire Univers et Particules de Montpellier (LUP)  
*Cosmology*

Dark Energy

Zolnierowski, Yves Laboratoire d' Annecy-le-Vieux de Physique des Partic  
*Cosmology : Clusters, Lensing*

Dark Energy

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName	
France/IN2P3	Laboratoire de Physique Nucléaire et de Hautes Énergies (LPNHE)	Leget, Pierre-François	JR	Astier, Pierre	1
France/IN2P3	Astroparticule et Cosmologie (APC)	Arcelin, Bastien	JR	Aubourg, Éric	1
France/IN2P3	Laboratoire d'Anncyy-le-Vieux de Physique des Particules (LAPP)	Ricci, Marina	JR	Boutigny, Dominique	1
France/IN2P3	Centre de Physique des Particules de Marseille (CPPM)	Lin, Quifan	JR	Fouchez, Dominique	
France/IN2P3	Centre de Physique des Particules de Marseille (CPPM)	Yassine, Manal	JR	Fouchez, Dominique	2
France/IN2P3	Laboratoire de Physique Corpusculaire (LPC)	Moller, Anais	JR	Gangler, Emmanuel	
France/IN2P3	Laboratoire de Physique Corpusculaire (LPC)	Mondon, Florian	JR	Gangler, Emmanuel	2
France/IN2P3	Laboratoire de Physique Corpusculaire (LPC)	Sreejith, Sreevarsha	JR	Ishida, Emille	1
France/IN2P3	Laboratoire de l'Accélérateur Linéaire (LAL)	Blaineau, Tristan	JR	Moniez, Marc	1
France/IN2P3	Laboratoire de Physique Nucléaire et de Hautes Énergies (LPNHE)	Augarde, Guy	JR	Regnault, Nicolas	1
France/IN2P3	Laboratoire de Physique Corpusculaire (LPC)	Graziani, Romain	JR	Rigault, Mickaël	1
France/IN2P3	Laboratoire de Physique Corpusculaire (LPC)	Amenouche, Melissa	JR	Rosnet, Philippe	

**Total Juniors: 12**

**Germany/AIP**

**MOA PI Scientists: 1**

Cioni, Maria-Rosa

Leibniz Institute for Astrophysics Potsdam

*Stellar populations; kinematics; stellar parameters; variable stars; Magellanic Clouds*

Star, Milky Way, and Local Volume;  
Transients/ Variable Stars

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Germany/AIP	Leibniz Institute for Astrophysics Potsdam	Bell, Cameron	JR	Cioni, Maria-Rosa
Germany/AIP	Leibniz Institute for Astrophysics Potsdam	El Youssofi, Dalal	JR	Cioni, Maria-Rosa
Germany/AIP	Leibniz Institute for Astrophysics Potsdam	Niederhofer, Florian	JR	Cioni, Maria-Rosa
Germany/AIP	Leibniz Institute for Astrophysics Potsdam	Schmidt, Thomas	JR	Cioni, Maria-Rosa
<b>Total Juniors: 4</b>				4

**Germany/ARI/ZAH**

Grebel, Eva

**MOA PI Scientists: 2**

ARI/ZAH, Astronomisches Rechen-Institut, Zentrum fu

Galaxies; Stars, Milky Way, and Local Volume;  
Variable Stars

Wambsganss, Joachim

ARI/ZAH, Astronomisches Rechen-Institut, Zentrum fu

Stars, Milky Way; Dark Energy; Active Galactic  
Nuclei; Transients/Variable Stars; Strong  
Lensing; Informatics and Statistics

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName	
Germany/ARI/ZAH	ARI/ZAH, Astronomisches Rechen-Institut, Zentrum fuer Astronomie der Universitaet	Dékány, István	JR	Grebel, Eva	
Germany/ARI/ZAH	ARI/ZAH, Astronomisches Rechen-Institut, Zentrum fuer Astronomie der Universitaet	Lemasle, Bertrand	JR	Grebel, Eva	
Germany/ARI/ZAH	ARI/ZAH, Astronomisches Rechen-Institut, Zentrum fuer Astronomie der Universitaet	Prudil, Zdeněk	JR	Grebel, Eva	
					3
Germany/ARI/ZAH	ARI/ZAH, Astronomisches Rechen-Institut, Zentrum fuer Astronomie der Universitaet	Markus Hundertmark	JR	Wambsganss, Joachim	
Germany/ARI/ZAH	ARI/ZAH, Astronomisches Rechen-Institut, Zentrum fuer Astronomie der Universitaet	Tsapras, Yiannis	JR	Wambsganss, Joachim	
					2
<b>Total Juniors: 5</b>					

**Germany/DESY**

**MOA PI Scientists: 1**

Franckowiak, Anna

Deutsches Elektronen-Synchrotron (DESY)

Transients, Active Galactic Nuclei

*finding optical counterparts of high-energy neutrinos*

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Germany/DESY	Deutsches Elektronen-Synchrotron (DESY)	Rauch, Ludwig	JR	Franckowiak, Anna
Germany/DESY	Deutsches Elektronen-Synchrotron (DESY)	van Santen, Jakob	JR	Franckowiak, Anna
<b>Total Juniors: 2</b>				2

**Germany/LMU**

Mohr, Joseph

**MOA PI Scientists: 1**

Ludwig-Maximilians-Universität (LMU)

DESC

*Cosmology, Structure Evolution, Weak Lensing, Galaxy Evolution*

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Germany/LMU	Ludwig-Maximilians-Universität (LMU)	Bocquet, Sebastian	JR	Mohr, Joseph
Germany/LMU	Ludwig-Maximilians-Universität (LMU)	Grandis, Sebastian	JR	Mohr, Joseph
Germany/LMU	Ludwig-Maximilians-Universität (LMU)	Klain, Matthias	JR	Mohr, Joseph
Germany/LMU	Ludwig-Maximilians-Universität (LMU)	Pannella, Maurilio	JR	Mohr, Joseph
<b>Total Juniors: 4</b>				4

**Germany/MPA**

Suyu, Sherry

*cosmology and galaxy  
formation/evolution with*

**MOA PI Scientists: 1**

Max Planck Institute for Astrophysics

Dark Energy, Strong Lensing,  
Galaxies



MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Germany/MPA	Max Planck Institute for Astrophysics	Cañameras, Raoul	JR	Suyu, Sherry
Germany/MPA	Max Planck Institute for Astrophysics	Chao, Dani Chun-Yi	JR	Suyu, Sherry
Germany/MPA	Max Planck Institute for Astrophysics	Huber, Simon	JR	Suyu, Sherry
<b>Total Juniors: 3</b>				3

**Germany/MPE**

**MOA PI Scientists: 2**

Finoguenov, Alexis

Max-Planck-Institute for Extraterrestrial Physics

*Clusters of Galaxies, Active Galactic Nuclei*

Nandra, Kirpal

Max Planck Institute for Extraterrestrial Physics

*Active Galactic Nuclei, Clusters of Galaxies, Transients*

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

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**Germany/MPIA**

Rix, Hans-Walter

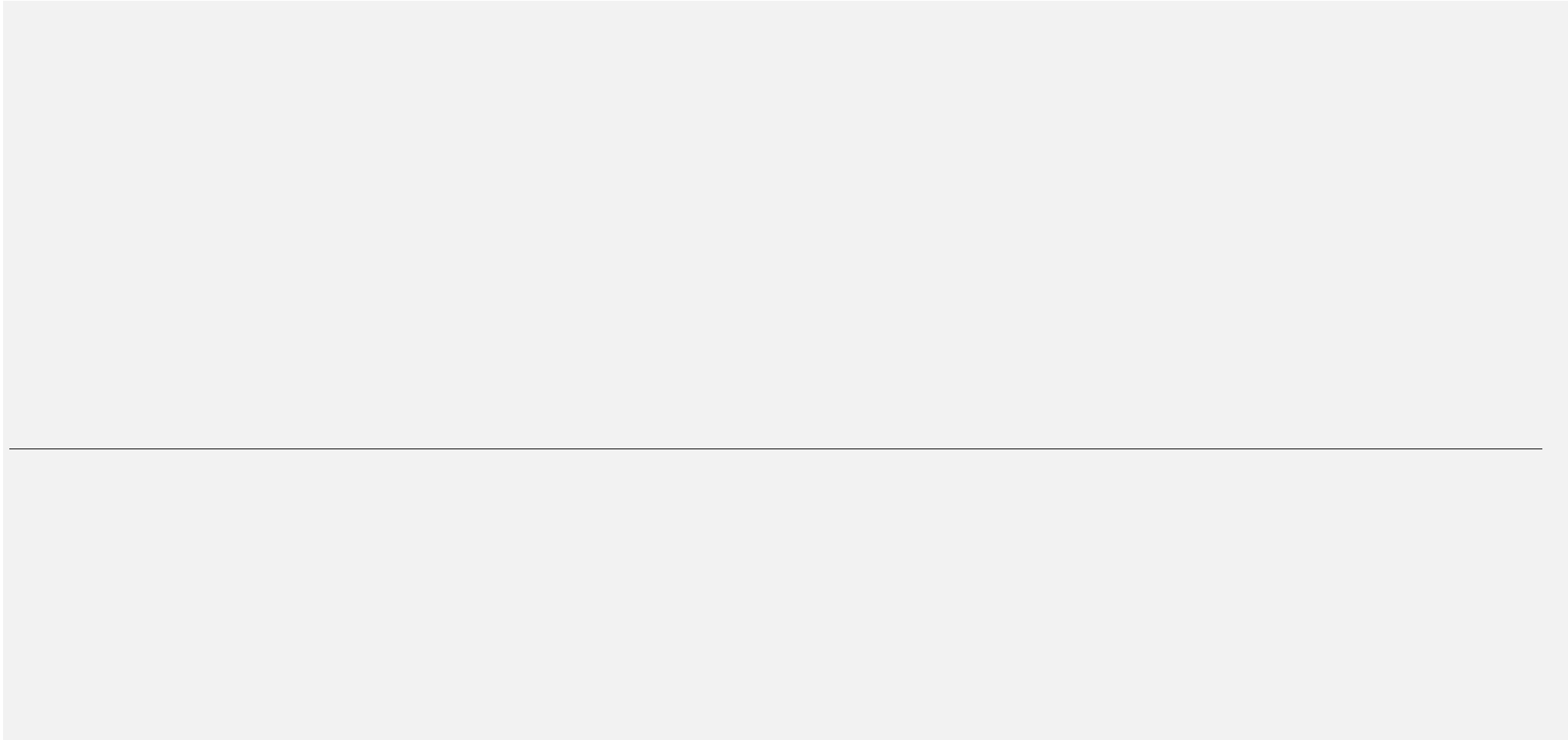
**MOA PI Scientists: 1**

Max Planck Institute for Astrophysics

MOAName

PI Name and Science Interest Institution

ScienceCollaboration



**Hungary/Konkoly**

**MOA PI Scientists: 1**

Szabó, Róbert

Astronomical Institute (Konkoly Observatory) of the R

Transients/Variable Stars

*Star, Milky Way, and Local Volume; Transients/Variable Stars*

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Hungary/Konkoly	Astronomical Institute (Konkoly Observatory) of the Research Centre for Astronomy and	Bódi, Attila	JR	Szabó, Róbert
Hungary/Konkoly	Astronomical Institute (Konkoly Observatory) of the Research Centre for Astronomy and	Molnár, László	JR	Szabó, Róbert
Hungary/Konkoly	Astronomical Institute (Konkoly Observatory) of the Research Centre for Astronomy and	Pál, András	JR	Szabó, Róbert
Hungary/Konkoly	Astronomical Institute (Konkoly Observatory) of the Research Centre for Astronomy and	Plachy, Emese	JR	Szabó, Róbert
<b>Total Juniors: 4</b>				4

**India/IUCAA**

**MOA PI Scientists: 5**

Bose, Sukanta  
*Transients*

IUCAA

Transients

Dewangan, Gulab  
*AGN, compact objects, transients*

IUCAA

AGN, compact objects, transients

More, Anupreeta  
*Strong lensing, transients*

IUCAA

Dark energy, Strong lensing, transients

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

More, Surhud IUCAA  
*Weak lensing, strong lensing, transients*

Dark energy, Strong lensing, transients, solar system

Raychaudhury, Somak IUCAA  
*Galaxies, strong lensing, dark energy*

Galaxies, Dark energy, Strong lensing, transients

MOAName	Institution	Scientist Name	Status	MentorName
India/IUCAA	IUCAA	Biswas, Bhaskar	JR	Bose, Sukanta
India/IUCAA	IUCAA	Choudhary, Sunil	JR	Bose, Sukanta
				2
India/IUCAA	IUCAA	Kumar, Shrabani	JR	Dewangan, Gulab
India/IUCAA	IUCAA	Pawar, Pramod	JR	Dewangan, Gulab
India/IUCAA	IUCAA	Tripathi, Prakash	JR	Dewangan, Gulab
				3
India/IUCAA	IUCAA	Kumar, Amit	JR	More, Surhud
India/IUCAA	IUCAA	Rana, Divya	JR	More, Surhud
				2
<b>Total Juniors: 7</b>				

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

Italy/INAF

MOA PI Scientists: 15

Bongiorno, Angela INAF

*AGNs at high-z; X-ray and radio properties of QSOs;*

Active Galactic Nuclei

Bono, Giuseppe INAF

*Stellar evolution, stellar variability, Globular clusters, Nearby dwarfGalaxies, resolved stellar Populations*

Stars, Milky Way and Local Volume ;  
Transients/Variable Stars

Botticella, Maria Teresa INAF

*Progenitors of the various kinds of Supernova explosions*

Transients/Variable stars, DESC

Campana, Sergio INAF

Transients/Variable Stars, Active Galactic  
Nuclei, Galaxies

Cantiello, Michele INAF

*Unresolved Stellar Populations, Cosmological distance scale, Extragalactic globular clusters*

Galaxies (primary); Informatics and Statistics  
(Secondary)

Clementini, Gisella INAF

*Variable stars as standard candles and stellar population tracers. Stellar populations in Local Group dwarf galaxies.*

Galaxies; Stars, Milky Way and Local Volume;  
Transient/Variable stars

Di Criscienzo, Marcella INAF

*Pulsating stars and stellar populations in Local Volume*

Transients/Variable Stars; Stars, Milky Way  
and Local Volume

Giannini, Teresa INAF

Girardi, Léo INAF

*stellar populations, Local Group, stellar evolution, stellar properties and variability*

Stars, Milky Way and Local Volume

Grillo, Claudio Università di Milano

Musella, Ilaria INAF

*Pulsating stars as distance indicators and stellar population tracers*

1) Stars, Milky Way and Local Volume;  
2)Transients/variable stars

Pastorello, Andrea INAF

*Non-degenerate Eruptive Variables, Supernovae, Fast Transients, Classification/Characterization*

Transients/Variable Stars

MOAName

**PI Name and Science Interest** Institution

ScienceCollaboration

Piranomonte, Silvia INAF

Transients/Variable Stars

*GW sources; Gamma-Ray Bursts; Multi-wavelength/Multi-messenger observations*

Raiteri, Claudia M. INAF

Active Galactic Nuclei, Transients/Variable Stars

*Active Galactic Nuclei, Fast Radio Bursts, Fermi/CTA transients*

Sordo, Rosanna INAF

??

??

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Italy/INAF	INAF	Belladitta, Silvia	JR	Bongiorno, Angela
Italy/INAF	Università di Padova	Grazian, Andrea	JR	Bongiorno, Angela
Italy/INAF	INAF	Merlin, Emiliano	JR	Bongiorno, Angela
Italy/INAF	INAF	Moretti, Alberto	JR	Bongiorno, Angela
				4
Italy/INAF	INAF	Crestani, Juliana	JR	Bono, Giuseppe
Italy/INAF	INAF	Dall'Ora, Massimo	JR	Bono, Giuseppe
Italy/INAF	INAF	Fabrizio, Michele	JR	Bono, Giuseppe
Italy/INAF	INAF	Fiorentino, Giuliana	JR	Bono, Giuseppe
				4
Italy/INAF	INAF	Brescia, Massimo	JR	Botticella, Maria Teresa
Italy/INAF	INAF	Cavuoti, Stefano	JR	Botticella, Maria Teresa
Italy/INAF	INAF	Mercurio, Amata	JR	Botticella, Maria Teresa
Italy/INAF	INAF	Ragosta, Fabio	JR	Botticella, Maria Teresa
				4
Italy/INAF	INAF	Bernardini, Maria Grazia	JR	Campana, Sergio
Italy/INAF	INAF	D'Avanzo, Paolo	JR	Campana, Sergio
Italy/INAF	INAF	Melandri, Andrea	JR	Campana, Sergio
Italy/INAF	INAF	Salafia, Om Sharan	JR	Campana, Sergio
				4



Italy/INAF	INAF	Carini, Roberta	JR	Cantiello, Michele
Italy/INAF	INAF	Paolillo, Maurizio	JR	Cantiello, Michele
Italy/INAF	INAF	Raj, Maria Angela	JR	Cantiello, Michele
Italy/INAF	INAF	Tortora, Crescenzo	JR	Cantiello, Michele
				4
Italy/INAF	INAF	Garofalo, Alessia	JR	Clementini, Gisella
Italy/INAF	INAF	Gatto, Massimiliano	JR	Clementini, Gisella
Italy/INAF	INAF	Muraveva, Tatiana	JR	Clementini, Gisella
Italy/INAF	INAF	Ripepi, Vincenzo	JR	Clementini, Gisella
				4
Italy/INAF	INAF	Borsa, Francesco	JR	Di Criscienzo, Marcella
Italy/INAF	Università di Roma 3	Marini, Ester	JR	Di Criscienzo, Marcella
Italy/INAF	INAF	Silvotti, Roberto	JR	Di Criscienzo, Marcella
Italy/INAF	INAF	Ventura, Paolo	JR	Di Criscienzo, Marcella
				4
Italy/INAF	INAF	Bonito, Rosaria	JR	Giannini, Teresa
Italy/INAF	INAF	Giunta, Alessio	JR	Giannini, Teresa
Italy/INAF	INAF	Prisinzano, Loredana	JR	Giannini, Teresa
				3
Italy/INAF	INAF	Chen, Yang	JR	Girardi, Leo
Italy/INAF	Università di Padova	Dal Tio, Piero	JR	Girardi, Leo
Italy/INAF	INAF	Pastorelli, Giada	JR	Girardi, Leo

Italy/INAF	INAF	Trabucchi, Michele	JR	Girardi, Leo	4
Italy/INAF	Università di Ferrara	Angora, Giuseppe	JR	Grillo, Claudio	
Italy/INAF	INAF	Costanzi, Matteo	JR	Grillo, Claudio	
Italy/INAF	Università di Ferrara	Giocoli, Carlo	JR	Grillo, Claudio	
Italy/INAF	Università di Napoli	Ingoglia, Lorenzo	JR	Grillo, Claudio	4
Italy/INAF	Università di Napoli	de Somma, Giulia	JR	Musella, Ilaria	
Italy/INAF	INAF	Leccia, Silvio	JR	Musella, Ilaria	
Italy/INAF	INAF	Limongi, Marco	JR	Musella, Ilaria	
Italy/INAF	INAF	Moretti, Maria Ida	JR	Musella, Ilaria	4
Italy/INAF	SSDC	Altavilla, Giuseppe	JR	Pastorello, Andrea	
Italy/INAF	INAF	Inno, Laura	JR	Pastorello, Andrea	
Italy/INAF	INAF	Mason, Elena	JR	Pastorello, Andrea	
Italy/INAF	Università Tor Vergata	Tantalo, Maria	JR	Pastorello, Andrea	4
Italy/INAF	INAF	Brocato, Enzo	JR	Piranomonte, Silvia	
Italy/INAF	INAF	Rodriguez, Guillermo	JR	Piranomonte, Silvia	
Italy/INAF	INAF	Ursi, Alessandro	JR	Piranomonte, Silvia	3
Italy/INAF	INAF	Balmaverde, Barbara	JR	Raiteri, Claudia M.	

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

Italy/INAF	INAF	Carnerero, Maria Isabel	JR	Raiteri, Claudia M.	
Italy/INAF	INAF	D'Ammando, Filippo	JR	Raiteri, Claudia M.	
					3
Italy/INAF	INAF	Casali, Giada	JR	Sordo, Rosanna	
Italy/INAF	INAF	Magrini, Laura	JR	Sordo, Rosanna	
Italy/INAF	INAF	Sacco, Germano	JR	Sordo, Rosanna	
Italy/INAF	INAF	Vallenari, Antonella	JR	Sordo, Rosanna	
					4
<b>Total Juniors: 57</b>					

**Korea/KASI**

**MOA PI Scientists: 15**

An, Deokkeun

Ewha Womans University

Stars, Milky Way, and Local Volume

*Stars, Milky Way, and Local Volume*

Jeong, Woong-Seob

Korea Astronomy and Space Science Institute

Galaxies

*Galaxies*

Kim, Minjin

Kyungpook National University

Active Galactic Nuclei; Galaxies

*AGN, Galaxies*

Ko, Jongwan

Korea Astronomy and Space Science Institute

Galaxies

*Galaxies*

MOAName

**PI Name and Science Interest** Institution

ScienceCollaboration

Lee, Ho-Gyu  
*(Evolved) Stars*

Korea Astronomy and Space Science Institute

Stars, Milky Way, and Local Volume;  
Transients/variable stars

Lee, Young Sun  
*Stars and Milky Way*

Chungnam National University

Stars and Milky Way

Moon, Hong-Kyu  
*Automation of lightcurve analysis; asteroid taxonomy; space weathering of asteroids*

Korea Astronomy and Space Science Institute

Solar System

Park, Hong Soo  
*dwarf galaxies*

Korea Astronomy and Space Science Institute

Galaxies

Parkinson, David  
*Scientific*

Korea Astronomy and Space Science Institute

DESC , Informatics and Statistics

Rey, Soo-Chang  
*Galaxies; Stars, Milky Way, and Local Volume*

Chungnam National University

Galaxies; Stars, Milky Way, and Local Volume

Rossi, Graziano  
*Dark Energy, Cosmic Web, Large-Scale-Structure, Simulations*

Sejong University

Dark Energy; Galaxies; Informatics and  
Statistics

Shafieloo, Arman  
*Scientific*

Korea Astronomy and Space Science Institute

Dark Energy, Transients/Variable Stars, Strong  
Lensing, Informatics and Statistics

Shin, Min-Su  
*Analysis of strong galaxy lensing systems, application of machine learning methods.*

Korea Astronomy and Space Science Institute

Strong Lensing; Information and Statistics

Song, Yong-Seon  
*Cosmology*

Korea Astronomy and Space Science Institute

DESC

Yang, Soung-Chul

Korea Astronomy and Space Science Institute

Transient/Variable Stars  
Stars, Milky Way, and Local Volume

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Korea/KASI	Korea Astronomy and Space Science Institute	Kim, Eunbin	JR	Jeong, Woong-Seob
Korea/KASI	Korea Astronomy and Space Science Institute	Kim, Seongjae	JR	Jeong, Woong-Seob
2				
Korea/KASI	Kyungpook National University	Hwang, Hyeonmo	JR	Kim, Minjin
1				
Korea/KASI	Korea Astronomy and Space Science Institute	Byeon, Woowon	JR	Ko, Jongwan
Korea/KASI	Korea Astronomy and Space Science Institute	Kim, hyowon	JR	Ko, Jongwan
Korea/KASI	Korea Astronomy and Space Science Institute	Park, Daeseong	JR	Ko, Jongwan
Korea/KASI	Korea Astronomy and Space Science Institute	Yoo, Jaewon	JR	Ko, Jongwan
4				
Korea/KASI	Korea Astronomy and Space Science Institute	JeongAhn, Youngmin	JR	Moon, Hong-Kyu
Korea/KASI	Korea Astronomy and Space Science Institute	Roh, Dong-Goo	JR	Moon, Hong-Kyu
2				
Korea/KASI	Korea Astronomy and Space Science Institute	Asorey Barreiro, Jacobo	JR	Parkinson, David
Korea/KASI	Korea Astronomy and Space Science Institute	Mifsud, Jurgen	JR	Parkinson, David
2				
Korea/KASI	Chungnam National University	Joo, Seok-Joo	JR	Rey, Soo-Chang
Korea/KASI	Chungnam National University	Kim, Suk	JR	Rey, Soo-Chang
2				
Korea/KASI	Sejong University	Choi, Doohyun	JR	Rossi, Graziano
Korea/KASI	Sejong University	Kim, Yerim	JR	Rossi, Graziano

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

Korea/KASI	Sejong University	Moon, Jeongin	JR	Rossi, Graziano	
Korea/KASI	Sejong University	Ryu, Hoseok	JR	Rossi, Graziano	
					4
Korea/KASI	Korea Astronomy and Space Science Institute	Keeley, Ryan	JR	Shafieloo, Arman	
Korea/KASI	Korea Astronomy and Space Science Institute	Koo, Hanwool	JR	Shafieloo, Arman	
					2
Korea/KASI	Korea Astronomy and Space Science Institute	Shi, Feng	JR	Song, Yong-Seon	
Korea/KASI	Korea Astronomy and Space Science Institute	Sridhar, Srivatsan	JR	Song, Yong-Seon	
					2
<b>Total Juniors: 21</b>					

**New Zealand**

**MOA PI Scientists: 3**

Bannister, Michele

University of Canterbury

Solar System

*Solar System*

Easther, Richard

University of Auckland

Dark energy (+cosmology)

*Cosmology*

Rattenbury, Nicholas

University of Auckland

Transients and Variable Stars Science  
Collaboration

*Microlensing*

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
New Zealand	University of Canterbury	Dorsey, Rosemary	JR	Bannister, Michele
				1
New Zealand	University of Auckland	Hotchkiss, Shaun	JR	Easter, Richard
				1
<b>Total Juniors: 2</b>				

Unmatched PIs by MOA

Institution

**New Zealand**

**Unmatched: 1**

Rattenbury, Nicholas

University of Auckland

**Poland/NCBJ**

**MOA PI Scientists: 3**

Czerny, Bozena

Center for Theoretical Physics, Polish Academy of Scie

Active Galactic Nuclei, Dark Energy

*Active Galactic Nuclei: statistics, evolution, variability*

Pollo, Agnieszka

National Center for Nuclear Research/Jagiellonian Uni

Galaxies, Dark Energy, ; Informatics and Statistics

*Cosmology, Galaxies, Dark Energy, Informatics and Statistics*

Wyrzykowski, Lukasz

Warsaw University Astronomical Observatory

Transients/Variable Stars, Informatics and Statistics

*Black holes, microlensing, transients, machine learning*

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Poland/NCBJ	Nicolaus Copernicus University	Roukema, Boudewijn	JR	
				0
Poland/NCBJ	National Centre for Nuclear Research	Bilicki, Maciej	JR	Czerny, Bozena
Poland/NCBJ	Center for Theoretical Physics, Polish Academy of Sciences	Hellwing, Wojciech	JR	Czerny, Bozena
Poland/NCBJ	National Centre for Nuclear Research	Nakoneczny, Szymon	JR	Czerny, Bozena
Poland/NCBJ	Center for Theoretical Physics, Copernicus Astronomical Center, Polish Academy of	Panda, Swayamtrupta	JR	Czerny, Bozena
				4
Poland/NCBJ	Nicolaus Copernicus Astronomical Center, Polish Academy of Sciences	Helminiak, Krzysztof	JR	Konacki, Maciej
Poland/NCBJ	National Centre for Nuclear Research	Nawrocki, Krzysztof	JR	Konacki, Maciej
				2
Poland/NCBJ	National Centre for Nuclear Research	Durkalec Anna	JR	Pollo, Agnieszka
Poland/NCBJ	National Centre for Nuclear Research	Małek, Katarzyna	JR	Pollo, Agnieszka
Poland/NCBJ	National Centre for Nuclear Research	Poliszczuk, Artem	JR	Pollo, Agnieszka
Poland/NCBJ	National Centre for Nuclear Research	Solarz, Aleksandra	JR	Pollo, Agnieszka
				4
Poland/NCBJ	Jagiellonian University	Drahus, Michał	JR	Roukema, Boudewijn
Poland/NCBJ	Nicolaus Copernicus University	Gawronski, Marcin	JR	Roukema, Boudewijn
Poland/NCBJ	Jagiellonian University	Guzik, Piotr	JR	Roukema, Boudewijn
Poland/NCBJ	Nicolaus Copernicus University	Lew, Bartosz	JR	Roukema, Boudewijn
Poland/NCBJ	National Centre for Nuclear Research	Zdrożny, Adam	JR	Roukema, Boudewijn
				5



MOAName

PI Name and Science Interest Institution

ScienceCollaboration

Poland/NCBJ	Warsaw University Astronomical Observatory	Kruszynska, Katarzyna	JR	Wyrzykowski, Lukasz
Poland/NCBJ	Warsaw University Astronomical Observatory	Ratajczak, Milena	JR	Wyrzykowski, Lukasz
Poland/NCBJ	Warsaw University Astronomical Observatory	Rybicki, Krzysztof	JR	Wyrzykowski, Lukasz
<b>Total Juniors: 19</b>				3

**Serbia**

**MOA PI Scientists: 2**

Jevremović, Darko  
*astroinformatics, variable stars*

Astronomical Observatory

DM, variable stars transients

Popović, Luka  
*AGN, weak lensing*

Astronomical Observatory

AGN, weak lensing

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName	
Serbia	Astronomical Observatory	Aleksić, Jovan	JR	Jevremovic, Darko	
Serbia	University of Belgrade, Institute of Physics	Srećković, Vladimir	JR	Jevremovic, Darko	
Serbia	Astronomical Observatory	Vujčić, Veljko	JR	Jevremovic, Darko	
					3
Serbia	University of Belgrade, Faculty of Mathematics	Ilić, Dragana	JR	Popovic, Luca	
Serbia	University of Kragujevac, Faculty of Science and Mathematics	Simić, Saša	JR	Popovic, Luca	
					2
<b>Total Juniors: 5</b>					

**Slovenia/UNG**

**MOA PI Scientists: 1**

Gomboc, Andreja

University of Nova Gorica

Transients/Variable Stars

*scientific, transients (TDE, GRB, GW, microlensing etc.)*

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Slovenia/UNG	University of Nova Gorica	Bricman, Katja	JR	Gomboc, Andreja
Slovenia/UNG	University of Nova Gorica	Clerici, Aurora	JR	Gomboc, Andreja
Slovenia/UNG	University of Nova Gorica	Ihanec, Nada	JR	Gomboc, Andreja
Slovenia/UNG	University of Nova Gorica	Petrushevska, Tanja	JR	Gomboc, Andreja
<b>Total Juniors: 4</b>				4

**South Africa/NRF**

**MOA PI Scientists: 3**

Buckley, David South African Astronomical Observatory (SAAO) Transient & Variable Stars, Milky Way  
*Transients; X-ray binaries; CVs, white dwarfs; followup strategies, development on TOMs; testing detection methods on existing transient detection systems*

Hilton, Matt University of KwaZulu-Natal (UKZN) DESC, Galaxies  
*Galaxy evolution, intracluster light, cosmology (in particular with SZ clusters), weak-lensing mass calibration*

Lochner, Michelle African Institute of Mathematical Sciences (AIMS) DESC/TVS  
*Cosmology/ Transients/ Machine learning*

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
South Africa/NRF	University of Cape Town (UCT)	Hewitt, Dante	JR	Buckley, David
South Africa/NRF	South African Astronomical Observatory (SAAO)	Kotze, Enrico	JR	Buckley, David
South Africa/NRF	University of the Free State	Marais, Johannes	JR	Buckley, David
South Africa/NRF	South African Astronomical Observatory (SAAO)	Potter, Stephen	JR	Buckley, David
South Africa/NRF	South African Astronomical Observatory (SAAO)	Pretorius, Magaretha	JR	Buckley, David
South Africa/NRF	University of Cape Town (UCT)	Woudt, Patrick	JR	Buckley, David
				6
South Africa/NRF	University of KwaZulu-Natal (UKZN)	Ibitoye, Ayodeji	JR	Hilton, Matt
South Africa/NRF	University of KwaZulu-Natal (UKZN)	Klutse, Diana	JR	Hilton, Matt
South Africa/NRF	University of KwaZulu-Natal (UKZN)	Knowles, Kenda	JR	Hilton, Matt
South Africa/NRF	University of KwaZulu-Natal (UKZN)	Ma, Yin-Zhe	JR	Hilton, Matt
South Africa/NRF	University of KwaZulu-Natal (UKZN)	Moodley, Kavilan	JR	Hilton, Matt
South Africa/NRF	University of KwaZulu-Natal (UKZN)	Naidoo, Warren	JR	Hilton, Matt
South Africa/NRF	University of KwaZulu-Natal (UKZN)	Phakathi, Phumlani	JR	Hilton, Matt
South Africa/NRF	University of KwaZulu-Natal (UKZN)	Tramonte, Denis	JR	Hilton, Matt
				8
South Africa/NRF	African Institute of Mathematical Sciences (AIMS)	Bassett, Bruce	JR	Lochner, Michelle
South Africa/NRF	University of Cape Town (UCT)	Blyth, Sarah	JR	Lochner, Michelle
South Africa/NRF	University of Cape Town (UCT)	Moloko, Hope	JR	Lochner, Michelle
South Africa/NRF	University of Cape Town (UCT)	Roberts, Ethan	JR	Lochner, Michelle

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

South Africa/NRF South African Radio Astronomy Observatory (SARAO) Sooknunan, Kimeel

JR Lochner, Michelle

5

**Total Juniors: 19**

**Spain/BCN-MAD**

**MOA PI Scientists: 8**

Castander, Francisco ICE

Dark Energy; LSS/BAO

*Dark Energy, Large Scale Structure, BAO, Weak Lensing*

Fernandez, Enrique IFAE

Dark Energy; LSS/BAO

*Dark Energy, Large Scale Structure, BAO, Weak Lensing*

Fosalba, Pablo ICE

Dark Energy; LSS/BAO

*Dark Energy, Large Scale Structure, BAO, Weak Lensing*

Garcia-Bellido, Juan Universidad Autonoma de Madrid

Dark Energy; LSS/BAO

*Modified Gravity; Dark Energy; Dark Matter*

Gaztanaga, Enrique ICE

Dark Energy; LSS/BAO

*Dark Energy, Large Scale Structure, BAO, Weak Lensing*

Miquel, Ramon IFAE

Dark Energy; LSS/BAO

*Dark Energy, Large Scale Structure, BAO, Weak Lensing*

Padilla, Cristobal IFAE

Dark Energy; LSS/BAO

*Dark Energy, Large Scale Structure, BAO, Weak Lensing*

MOAName

**PI Name and Science Interest** Institution

ScienceCollaboration

Sanchez, Eusebio

CIEMAT

Dark Energy; LSS/BAO

*Dark Energy, Large Scale Structure, BAO, Weak Lensing*

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Spain/BCN-MAD	ICE	Casas, Ricard	JR	Castander, Francisco
Spain/BCN-MAD	ICE	Chan, Kwan	JR	Castander, Francisco
Spain/BCN-MAD	ICE	Folger, Martin	JR	Castander, Francisco
Spain/BCN-MAD	ICE	Polcino, Andrea	JR	Castander, Francisco
				4
Spain/BCN-MAD	IFAE	Aleksic, Jelena	JR	Fernandez, Enrique
Spain/BCN-MAD	IFAE	Carretero, Jorge	JR	Fernandez, Enrique
Spain/BCN-MAD	IFAE	Gatti, Marco	JR	Fernandez, Enrique
				3
Spain/BCN-MAD	ICE	Blot, Linda	JR	Fosalba, Pablo
Spain/BCN-MAD	ICE	Demirbpzan, Umut	JR	Fosalba, Pablo
Spain/BCN-MAD	ICE	Porredon, Anna	JR	Fosalba, Pablo
				3
Spain/BCN-MAD	Universidad Autonoma de Madrid	Nessleris, Savvas	JR	Garcia-Bellido, Juan
Spain/BCN-MAD	Universidad Autonoma de Madrid	Salvador, Ana Isabel	JR	Garcia-Bellido, Juan
Spain/BCN-MAD	Universidad Autonoma de Madrid	Trashorras, Manuel	JR	Garcia-Bellido, Juan
				3
Spain/BCN-MAD	ICE	Alarcon, Alex	JR	Gaztanaga, Enrique
Spain/BCN-MAD	ICE	Crocce, Martin	JR	Gaztanaga, Enrique
Spain/BCN-MAD	ICE	Serrano, Santiago	JR	Gaztanaga, Enrique
				3

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

Spain/BCN-MAD	IFAE	Kovacs, Andras	JR	Miquel, Ramon	
Spain/BCN-MAD	IFAE	Sanchez, Carles	JR	Miquel, Ramon	
Spain/BCN-MAD	IFAE	Vielzeuf, Pauline	JR	Miquel, Ramon	
					3
Spain/BCN-MAD	IFAE	Bonnett, Cristopher	JR	Padilla, Cristobal	
Spain/BCN-MAD	IFAE	Prat, Judit	JR	Padilla, Cristobal	
Spain/BCN-MAD	IFAE	Tonello, Nadia	JR	Padilla, Cristobal	
					3
Spain/BCN-MAD	CIEMAT	Garcia-Fernandez, Manuel	JR	Sanchez, Eusebio	
Spain/BCN-MAD	CIEMAT	Sevilla-Noarbe, Ignacio	JR	Sanchez, Eusebio	
Spain/BCN-MAD	CIEMAT	Tallada, Pau	JR	Sanchez, Eusebio	
					3
<b>Total Juniors: 25</b>					

**Spain/IAC**

**MOA PI Scientists: 2**

Gallart, Carme

Instituto de Astrofisica de Canarias

Stars, Milky Way and Local Volume

*Near field cosmology: Milky Way, Magellanic Clouds, Local Group dwarf galaxies. Star formation history, variable stars*

Knapen, Johan

Instituto de Astrofisica de Canarias

*low surface brightness  
imaging of galaxies*



MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Spain/IAC	Instituto de Astrofísica de Canarias	Battaglia, Giuseppina	JR	Gallart, Carme
Spain/IAC	Instituto de Astrofísica de Canarias	Monelli, Matteo	JR	Gallart, Carme
				2
Spain/IAC	Instituto de Astrofísica de Canarias	Akhlaghi, Mohammad	JR	Knapen, Johan
Spain/IAC	Instituto de Astrofísica de Canarias	Chamba, Nushkia	JR	Knapen, Johan
Spain/IAC	Instituto de Astrofísica de Canarias	Infante-Sainz, Raul	JR	Knapen, Johan
Spain/IAC	Instituto de Astrofísica de Canarias	Trujillo, Ignacio	JR	Knapen, Johan
				4
<b>Total Juniors: 6</b>				

**Sweden/SU Physics**

Goobar, Ariel  
*Cosmology, transients*

**MOA PI Scientists: 2**

Stockholm University, Department of Physics

DESC, Transients/Variable stars

Peiris, Hiranya(2)  
*Cosmology, transients, informatics and statistics*

Stockholm University, Department of Physics

DESC, Transients/Variable stars/Informatics and statistics

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Sweden/SU Physics	Stockholm University, Department of Physics	Dhawan, Suhail	JR	Goobar, Ariel
Sweden/SU Physics	Stockholm University, Department of Physics	Tsaprazi, Eleni	JR	Goobar, Ariel
				2
Sweden/SU Physics	Stockholm University, Department of Physics	Alsing, Justin	JR	Peiris, Hiranya(2)
Sweden/SU Physics	Stockholm University, Department of Physics	Biswas, Rahul	JR	Peiris, Hiranya(2)
Sweden/SU Physics	Stockholm University	Setzer, Christian	JR	Peiris, Hiranya(2)
				3
<b>Total Juniors: 5</b>				

**Switzerland**

**MOA PI Scientists: 2**

Amara, Adam                      ETH Zurich, Institute for Astronomy  
*Cosmology, weak lensing, large-scale structure*

Dark Energy Science Collaboration

Réfrégier, Alexandre              ETH Zurich, Institute for Astronomy  
*Cosmology, weak lensing, large-scale structure*

Dark Energy Science Collaboration

**Taiwan/ASIAA****MOA PI Scientists: 3**

Lin, Yen-Ting

Academia Sinica Institute of Astronomy and Astrophys

Galaxies; Milky Way; AGN; informatics and statistics; dark energy

*Cosmology, galaxy formation, AGN, galaxy clusters*

Okumura, Teppei

Academia Sinica Institute of Astronomy and Astrophys

Dark Energy, Informatics and Statistics, Galaxies

*Cosmology, Large-scale structure of the universe, Clusters of galaxies, Cosmological perturbation theory, Weak lensing, Galaxy formation*

Umetsu, Keiichi

Academia Sinica Institute of Astronomy and Astrophys

Galaxies, Dark Energy, Strong Lensing, Informatics and Statistics

*Observational and Physical Cosmology, Structure Formation in the Universe, Gravitational Lensing, Galaxy Clusters*

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Taiwan/ASIAA	Academia Sinica Institute of Astronomy and Astrophysics	Chiu, I-Non	JR	Umetsu, Keiichi
Taiwan/ASIAA	Academia Sinica Institute of Astronomy and Astrophysics	Higuchi, Yuichi	JR	Umetsu, Keiichi
<b>Total Juniors: 2</b>				2

**Taiwan/NCU**

Chou, Yi  
*Variable Stars*

**MOA PI Scientists: 2**

Graduate Institute of Astronomy, National Central Uni

Stars, Milky Way, and Local Volume; Variable Stars

Ngeow, Chow-Choong  
*Variable Stars*

Graduate Institute of Astronomy, National Central Uni

Stars, Milky Way, and Local Volume; Variable Stars

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName
Taiwan/NCU	Graduate Institute of Astronomy, National Central University	Chang, Chan-Kao	JR	Chou, Yi
Taiwan/NCU	Graduate Institute of Astronomy, National Central University	Lin, Hsin-Wen	JR	Chou, Yi
				2
Taiwan/NCU	Graduate Institute of Astronomy, National Central University	Cheng, Yu-Chi	JR	Ngeow, Chow-Choong
Taiwan/NCU	Graduate Institute of Astronomy, National Central University	Yu, Po-Chieh	JR	Ngeow, Chow-Choong
				2
<b>Total Juniors: 4</b>				

**UK Consortium**

**MOA PI Scientists: 81**

Abdalla, Filipe

Physics and Astronomy UCL

Dark Energy, Informatics and Statistics

*My area of interest is cosmology, including weak lensing, large scale structure, photometric redshifts and parameter estimation.*

Almaini, Omar

University of Nottingham

Galaxies; Active Galactic Nuclei; Informatics and Statistics

*Galaxy formation and evolution, AGN, deep extragalactic surveys.*

Alonso, David

University of Oxford, Department of Physics

Dark Energy; Galaxies

*Cosmology, Dark Energy, large-scale structure, weak lensing, data analysis, high-performance computing*

Amara, Adam

Institute of Cosmology and Gravitation, University of P

Dark Energy; Galaxies; Informatics and Statistics

*My interest is in large scale. In particular weak lensing and galaxy clustering. I also work actively on forward modelling and likelihood free analysis methods.*

Azfar, Farrukh

Oxford University, Particle Physics

Dark Energy; Transient and Variable Stars; Informatics and Statistics

*Contribute to commissioning effort and develop camera control software (with SLAC). Optical signatures of gravitational wave (GWE) events. Evaluate and develop statistical tools, transients.*

Bacon, David

Institute of Cosmology and Gravitation, University of P

Dark Energy; Informatics and Statistics; Strong Lensing

*Constraints on gravitational theories using probes of large-scale structure: weak lensing, clustering. Cross-correlations with radio surveys for mutual help with redshifts and constraints.*

Baker, Tessa

Queen Mary University of London

Dark Energy; Transient/ Variable Stars

*Tests of gravity and dark energy with large-scale structure, simulations for dark energy models, multi-messenger astronomy i.e. LSST electromagnetic counterparts for aravitational wave sources.*

Bremer, Malcolm

School of Physics, University of Bristol

Galaxies; Dark Energy; Active Galactic Nuclei

*Scientific: Galaxy & (proto)cluster evolution across all relevant redshifts Technical: Enabling accurate photo-zs to be acquired across colour space to avoid biases. Synerav with Euclid*

Bull, Philip

Astronomy Unit, Queen Mary University of London

Dark Energy

*Dark energy science; parameter inference; joint cosmological analyses; tests of gravity and fundamental physics*

Calabrese, Erminia

Cardiff University

Dark Energy; Galaxies; Informatics and Statistics

*My main interest lies in combining LSST cosmological probes with future Cosmic Microwave Background datasets.*

Collins, Chris

Astrophysics Research Institute, Liverpool John Moore

Galaxies; Dark Energy; Stars, Milky Way and Local Volume

*The origin and properties of the Intra Cluster Light and its role in building the stellar mass at the centres of rich clusters: techniques for optimal ICL recovery from LSST data.*

Collins, Michelle

University of Surrey

Stars, Milky Way and Local Volume; Galaxies; Transient/ Variable Stars

*Resolved stellar populations, galaxy evolution, dark matter, ultra diffuse galaxies, stellar streams*

Conselice, Christopher

Physics, Nottingham Uni

Galaxies; Dark Energy; Informatics and Statistics

*Galaxy evolution, galaxy structure, model comparisons. Galaxy Evolution and Formation working group which I am already a member.*

Davies, Jonathan

School of Physics and Astronomy, Cardiff University

Galaxies

*Identify low surface brightness structures, i.e. galaxies, intra-cluster light, tidal debris, filaments. Galaxies collaboration.*

Davies, Roger

Astrophysics, Physics Dept, University of Oxford

Galaxies; Dark Energy

*Interests: galaxy evolution and cosmology. I wish to develop and test methods chart the merger history of galaxies from the low surface brightness light that surrounds them.*

Davis, Timothy

Department of Physics and Astronomy, Cardiff Unvers

Galaxies; Active Galactic Nuclei; Informatics and Statistics

*Galaxy evolution, morphological transformation, the LSB universe, galaxy outskirts, and changing look AGN. Data mining, machine learning for object classification and aroupina.*

Deason, Alis

Durham University, Institute for Computational Cosm

Stars, Milky Way and Local Volume

*My research uses the surviving and destroyed dwarf galaxies in the Milky Way to unravel the Galaxy's assembly history, measure the dark matter profile of the halo, and test cosmoloaical theories.*

Debattista, Victor

Jeremiah Horrocks Institute, University of Central Lanc

Stars, Milky Way and Local Volume; Transient and Variable Stars; Galaxies

*I am interested in Bulge Science. I have been developing detailed simulations with ages, chemistry and dynamics of stars in the bulge region, that can be used to refine areas of interest in the bulae.*

Dye, Simon

University of Nottingham, School of Physics and Astro

Strong Lensing

*Development of efficient automated techniques for modelling new LSST strong gravitational galaxy lens samples, including deep learning methods. Scientific analysis of these lens samples.*

Edge, Alastair

Durham University

Galaxies; Active Galactic Nuclei; Dark Energy

*My principle scientific interest is clusters of galaxies with connection to NIR surveys and multiwavelength studies.*

Evans, Wyn

Cambridge University

Stars, Milky Way and Local Volume; Galaxies; Strong Lensing

*Galactic astronomy and dynamics - particularly the interplay between Gaia & LSST for studying faint substructure and variable stars in the Local Group.*

Ferguson, Annette

Institute for Astronomy, University of Edinburgh

Stars, Milky Way and Local Volume; Galaxies

*Resolved stellar populations in the local universe (Milky Way and galaxies out to ~5 Mpc distance). Low surface brightness structures around the galaxy population at larae.*

Ferreira, Pedro

Astrophysics/University of Oxford

Dark Energy; Informatics and Statistics

*My primary interests are in - Statistical methods (multi-tracers, parameter estimation, covariances , photo-zs) - Tests of GR - GR effects on large scales - sneraies with SKA, Euclid*

Gandhi, Poshak

School of Physics &amp; Astronomy, University of Southam

Transient/ Variable Stars; Stars, Milky Way and Local Volume; Active Galactic Nuclei

*Transients and long-term variables; Multiwavelength surveys from X-rays to optical and infrared; Evolution of black holes and galaxies.*

Gonzalez, Oscar

UK Astronomy Technology Centre

Stars, Milky Way and Local Volume

*I am most interested in Milky Way Bulge science with LSST. I will work in the simulation and refinement of survey strategies for the successful exploitation of LSST Bulae data*

Heavens, Alan

Imperial College/Physics

Dark Energy; Informatics and Statistics

*Scientific: cosmological parameters, dark energy, gravity. Technical: principled statistical analysis of cosmological data, especially cosmic shear.*

Hendry, Martin

University of Glasgow School of Physics and Astronom

Informatics and Statistics; Galaxies; Transient/ Variable Stars

*I am interested in the use of LSST galaxy survey data to contribute to gravitational-wave cosmology using "dark sirens" - i.e. compact binary coalescences without an explicit EM counterpart.*

Heymans, Catherine Institute for Astronomy, University of Edinburgh

*Observational Cosmology: weak gravitational lensing and large-scale structure.*

Dark Energy; Informatics and Statistics

Hoenig, Sebastian University of Southampton

*Active Galactic Nuclei, transients, variability, time-dependent radiative transfer, time-domain surveys, multi-wavelength SEDs and catalogues, radiation-hydrodynamics*

Active Galactic Nuclei; Transient/ Variable Stars; Galaxies

Hook, Isobel Lancaster University Physics Department

*I am interested in supernovae and their use for cosmology. I am a member of the DESC supernova WG. I am also interested in the synergy between LSST and EUCLID, 4MOST and E-ELT.*

Dark Energy; Transient/ Variable Stars; Informatics and Statistics

Inserra, Cosimo School of Physics and Astronomy, Cardiff University

*My current scientific research interest focus on observational studies of supernovae explosions. From the technical point of view, I am interested in machine learning classifier of optical transients.*

Transient/ Variable Stars; Dark Energy; Informatics and Statistics

Jaffe, Andrew Imperial College London, Department of Physics, Astro

*Weak lensing, Galaxy clustering, Dark energy, Bayesian Hierarchical Models and other statistical techniques, DESC, LUSC, ISSC*

Informatics and Statistics; Dark Energy

Jarvis, Matt Oxford Physics

*photo-zs for AGN, Galaxies and DE SCs. Combining with multi-wavelength data (principally NIR and radio). I'm a member of all of these SCs.*

Galaxies; Dark Energy; Active Galactic Nuclei

Jeffries, Robin Astrophysics Group, Keele University

*The interface between LSST, Gaia and wide-field spectroscopic surveys in understanding star cluster formation and dissolution and estimating stellar ages.*

Stars, Milky Way and Local Volume; Transient and Variable Stars

Joachimi, Benjamin UCL, Department of Physics and Astronomy

*Cosmology, primarily with large-scale structure probes; data analysis techniques and statistical inference*

Dark Energy; Informatics and Statistics

Jones, Geraint UCL Mullard Space Science Laboratory

*Cometary nuclei, dust and ion tails, including their interactions with the solar wind. Dust trails occupying comets' orbits.*

Solar System

Kaviraj, Sugata University of Hertfordshire

*Observational studies of galaxy evolution using wide-area surveys, cosmological hydro-dynamical simulations, machine-learning techniques for LSST*

Galaxies; Active Galactic Nuclei; Informatics and Statistics

Kitching, Thomas UCL MSSL

*I am interested in weak lensing, cosmic shear, convergence mapping, systems engineering, Bayesian and machine learning methodology.*

Dark Energy; Informatics and Statistics

Korn, Andreas Department of Physics and Astronomy, University Coll

*The nature of dark matter - one of the most important questions facing particle and astrophysicist alike. High volume data acquisition of silicon sensors.*

Dark Energy; Transient and Variable Stars



Lahav, Ofer

University College London

*- Probes of Dark Energy - Neutrino mass - Photo-z -AI methods for big data*Dark Energy; Informatics and Statistics;  
Galaxies

Leonard, Danielle

Newcastle University, School of Mathematics, Statistic

*Weak lensing and galaxy clustering to test cosmology, with a particular interest in beyond- $\Lambda$ CDM models and astrophysical systematic effects, and applying novel statistical methods for this purpose.*

Dark Energy; Informatics and Statistics

Lintott, Chris

Dept. of Physics, University of Oxford

*I'm heavily involved in the LSST project's plans for citizen science across a variety of science cases. My own interest is mainly galaxy morphology, particularly low-surface brightness features.*Galaxies; Informatics and Statistics;  
Transient/ Variable Stars

Loveday, Jon

University of Sussex, Physics &amp; Astronomy

*Member of DESC and Galaxies collaborations. Interested in LSST constraints on cosmological models; abundance of dwarf/LSB galaxies. Reliable automated photometry of resolved galaxy images.*Dark Energy; Galaxies; Informatics and  
Statistics

Lucas, Philip

University of Hertfordshire

*Star formation, unusual variable stars, brown dwarfs, exoplanets. Milky Way & Local Volume coll. (member). Transients & Variable Stars coll. Optical-IR science: LSST+VVV/VVVX. Astrometry.*Stars, Milky Way and Local Volume;  
Transient/ Variable Stars

Maguire, Kate

School of Maths and Physics, Queen's University Belfa

*I am a member of the Dark Energy Science collaboration and the Transient and Variable stars*Transient/ Variable Stars; Dark Energy;  
Informatics and Statistics

Mandel, Ilya

University of Birmingham

*I am primarily interested in transient astronomy (Transient and Variable Stars) and astrostatistics (Informatics and Statistics).*Transient and Variable Stars; Informatics and  
Statistics; Stars, Milky Way and Local Volume

Mandel, Kaisey

Institute of Astronomy, University of Cambridge

*supernova cosmology, transients, photometric classification of transient light curves, astrostatistics, astroinformatics, and machine learning in astronomy, Bayesian modeling, computation/inference.*Dark Energy; Informatics and Statistics;  
Transient/ Variable Stars

Mann, Bob

Institute for Astronomy, School of Physics and Astrono

*Data management. Galaxy evolution. Cosmology. Transient astronomy.*Dark Energy; Galaxies; Informatics and  
Statistics

Maughan, Ben

University of Bristol, HH Wills Physics Laboratory

*I am interested in using LSST to detect and characterise clusters of galaxies in order to use them as cosmological probes, and study cluster astrophysics and galaxy evolution.*

Dark Energy; Galaxies

McCarthy, Ian

Astrophysics Research Institute, Liverpool JMU

*I am an expert in cosmological hydro simulations. My research interests span large-scale structure, galaxy formation and cosmology. I would like to join the DE. Galaxies, Milky Way SCs.*Dark Energy; Galaxies; Stars, Milky Way and  
Local Volume

McEwen, Jason

UCL MSSL

*I am interested in LSST for weak gravitational lensing studies of dark energy and dark matter and for transient studies.*Informatics and Statistics; Dark Energy;  
Transient/ Variable Stars

McGee, Sean

University of Birmingham

Galaxies; Strong Lensing; Active Galactic Nuclei

*I have wide interests in LSST science, focused on galaxy evolution and low-surface brightness science, but also tidal disruption events, strong lensing and overlap with aravitational wave sources.*

McMahon, Richard

Institute of Astronomy, University of Cambridge

Active Galactic Nuclei; Galaxies; Dark Energy

*Quasars in the Epoch of Reionization; discovery and characterisation of highest redshift quasars; formation and evolution of supermassive black holes and quasars; Gravitationally lensed quasars.*

Miller, Lance

Dept of Physics, Oxford University

Dark Energy

*Weak lensing measurement and analysis, shear measurment, PSF modelling and measurement*

Mortlock, Daniel

Physics and Mathematics, Imperial College London

Active Galactic Nuclei; Informatics and Statistics

*My main LSST scientific interest is the identification of high-redshift ( $z \sim 7$ ) quasars to probe reionization and early black hole growth. I am also interested in rare object searches.*

Mullaney, James

The University of Sheffield, Department of Physics and

Active Galactic Nuclei; Informatics and Statistics; Galaxies

*My core scientific interests relate to active galactic nuclei and their relation to their host galaxies. I predominantly work with survey data, whether wide area, or deep "pencil-beam" surveys.*

Mundell, Carole

Department of Physics, University of Bath

Active Galactic Nuclei; Transient/ Variable Stars; Galaxies

*Multiwavelength expert on dynamics/energetics of black-hole systems & environments eg AGN/GRBs. US AGN Science Coll. member/UK AGN WG chair. Renewing US membership. Interest in US Transient/Variables.*

Naylor, Tim

University of Exeter

Stars, Milky Way and Local Volume; Transient/ Variable Stars; Informatics and Statistics

*My primary LSST interest is star formation, but I also have an interest in statistical methods. I am already a member of the SMWLV and Transient/Variable stars collaborations.*

Nichol, Bob

University of Portsmouth

Dark Energy; Transient/ Variable Stars; Informatics and Statistics

*I am interested in supernovae and extragalactic transients. I have been active over the last few years in establishing spectroscopic follow-up programmes for LSST transients and their host galaxies. My student Lizi Swann at Portsmouth has been instrumental*

Oliver, Seb

University of Sussex, Dept. of Physics and Astronomy

Galaxies; Informatics and Statistics; Active Galactic Nuclei

*My interest is the evolution of galaxies/AGN. I study large samples of galaxies at many wavelengths. Expertise in surveys, linkage, novel statistics, photometry - far infrared and deblending.*

Peiris, Hiranya

Department of Physics and Astronomy, UCL

Dark Energy; Informatics and Statistics

*cosmological constraints from combined-probes analyses; LSST as a discovery machine for transients; gravitational wave multi-messenger astronomy; data analysis methodology.*

Perley, Daniel

Astrophysics Research Institute, Liverpool John Moore

Transient and Variable Stars; Galaxies

*I am interested in stellar explosions of all types, but in particular extreme explosions (LGRBs, orphan afterglows, NS-NS, etc.) and how they relate to their host-galaxy environments.*

Pourtsidou, Alkistis

School of Physics and Astronomy, Queen Mary Univer

Dark Energy; Informatics and Statistics

*Multi-wavelength synergies (especially with the SKA), constraining models of dark energy, combined probes*

Romer, Kathy

University of Sussex

Dark Energy; Galaxies

*Clusters of galaxies as cosmological and astrophysical probes. X-ray astronomy.*

Schwamb, Meg

Astrophysics Research Centre, Queen's University Belf

Solar System

*Evolution and origin of the Solar System focusing on the small body populations; selection and characterization of the ESA Comet Interceptor Mission encounter target, and the search for Planet 9*

Scowcroft, Vicky

University of Bath

Stars, Milky Way and Local Volume;  
Transient/ Variable Stars; Informatics and  
Statistics*Studying of variable star populations of Local Group galaxies for a) local calibration of the extragalactic distance scale, and b) high precision studies of the 3D structure of resolved galaxies.*

Serjeant, Stephen

The Open University / School of Physical Sciences

Strong Lensing; Active Galactic Nuclei; Dark  
Energy*Strong gravitational lensing: \* strongly lensed AGN simulations & constraints \* compound lens systems, to probe dark matter halo substructure \* finding rare lenses (e.a. double Einstein rings)*

Simmons, Brooke

Lancaster University, Physics

Galaxies; Active Galactic Nuclei; Informatics  
and Statistics*I am interested in galaxy secular processes, minor/micro mergers, and black hole- galaxy co-evolution. I also work on developing software for inference and modelling in galaxy populations.*

Smartt, Stephen

Queen's University Belfast

Transient/ Variable Stars; Dark Energy

*Software development for broker, filtering and classifying transients. Massive databases, cross-matching with multi-wavelength sources, multi-messenger astronomy*

Smith, Graham

School of Physics and Astronomy, University of Birmin

Dark Energy; Galaxies; Transient Variable Stars

*galaxy clusters, gravitational lensing, galaxy evolution, gravitational wave EM follow-up, software development*

Steeghs, Danny

Department of Physics, University of Warwick

Transient/ Variable Stars; Stars, Milky Way  
and Local Volume*My principal interest and expertise lies in time-domain and multi-messenger astrophysics, mining large surveys for rare objects, image processing pipelines and related data science.*

Stott, John

Lancaster University, Physics Dept

Galaxies; Active Galactic Nuclei; Dark Energy

*My main science interests fall within the Galaxies Collaboration (with links to DE and AGN), with focus on: galaxy clusters and environment; high-z galaxies; low surface brightness galaxies; and AGN.*

Sullivan, Mark

School of Physics and Astronomy, University of Southa

Dark Energy; Transient/ Variable Stars

*supernovae; time domain astronomy; dark energy; optical transients; massive spectroscopic follow-up*

Tanvir, Nial

University of Leicester

Transient/ Variable Stars; Galaxies; Stars,  
Milky Way and Local Volume*My primary interest is in transient science, especially GRBs, EM counterparts to gravitational wave sources, tidal disruption events, exotic supernovae. Also galaxy evolution and stellar populations.*

Tseng, Jeff

Oxford Physics

Dark Energy; Informatics and Statistics;  
Transient and Variable Stars*Dark energy equation of state; transients and correlations with neutrino detectors; pattern recognition; data management for analysis*

Vecchio, Alberto

School of Physics and Astronomy, University of Birmin

Transient and Variable Stars; Informatics and Statistics

*My main interests are binary systems of compact objects and astro-statistics, and LSST as a telescope to identify optical counterparts and host galaxies of GW-detected coalescing binaries.*

Villforth, Carolin

University of Bath

Active Galactic Nuclei; Galaxies; Transient and Variable Stars

*Host galaxies of Active Galactic Nuclei: a) morphological analysis of mergers, b) image decomposition to analyze morphologies and measure star formation properties, c) variability detection of AGN*

Walton, Nicholas

Institute of Astronomy, University of Cambridge

Stars, Milky Way and Local Volume; Transient/ Variable Stars; Informatics and Statistics

*Planetary Nebulae, and their use as probes of the chemo-dynamical evolution of the Milky Way. The LSST-Gaia boundary for MW structure studies. Tech: Image segmentation and spectral-data federation.*

Weijmans, Anne-Marie

University of St Andrews, School of Physics and Astron

Galaxies; Stars, Milky Way and Local Volume

*Scientific interests: galaxy structure and morphology Technical interests: data management, data accessibility and distribution*

Wild, Vivienne

St Andrews, School of Physics and Astronomy

Galaxies; Active Galactic Nuclei; Informatics and Statistics

*Galaxy bimodality and transition populations (post-starburst, post-merger etc.). Mock observations from hydro simulations. Novel statistical methods to characterise and visualise large datasets.*

Wuyts, Stijn

University of Bath

Galaxies; Strong Lensing; Active Galactic Nuclei

*Galaxy structure & intrinsic shapes from dwarf galaxies nearby to massive galaxies out to high redshift; stellar populations, dust/ISM and photometric redshifts; galaxy environment; IFU follow-up*

MOAName

PI Name and Science Interest Institution

ScienceCollaboration

MOAName	Institution	Scientist Name	Status	MentorName	
UK Consortium	University of Oxford, Department of Physics	Koukoufilippas, Nick	JR	Alonso, David	1
UK Consortium	Institute for Astronomy, University of Edinburgh	Alam, Shadab	JR	Amara, Adam	
UK Consortium	Institute for Astronomy/ University of Edinburgh	Welikala, Niraj	JR	Amara, Adam	2
UK Consortium	Institute for Computational Cosmology, Department of Physics, Durham University	Arnold, Christian	JR	Bacon, David	
UK Consortium	Institute of Cosmology and Gravitation, University of Portsmouth	Foxley-Marrable, Max	JR	Bacon, David	
UK Consortium	Institute of Cosmology and Gravitation, University of Portsmouth	Frohmaier, Chris	JR	Bacon, David	3
UK Consortium	School of Physics, University of Bristol	Henderson, Ben	JR	Bremer, Malcolm	1
UK Consortium	University of Oxford	Lorenz, Christiane S.	JR	Calabrese, Erminia	1
UK Consortium	Liverpool John Moores University, Astrophysics Reserach Institute	Arnold, Doug	JR	Collins, Chris	
UK Consortium	Astrophysics Research Institute, Liverpool John Moores University	Jermak, Helen	JR	Collins, Chris	
UK Consortium	Astrophysics Research Institute, Liverpool John Moores University	Kelly, Brandon	JR	Collins, Chris	
UK Consortium	Astrophysics Research Institute, Liverpool John Moores University	Sedgwick, Tom	JR	Collins, Chris	4
UK Consortium	University of Surrey - Faculty of Engineering and Physical Sciences - Department of Physics	De Leo, Michele	JR	Collins, Michelle	
UK Consortium	University of Surrey	Massana, Pol	JR	Collins, Michelle	2

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PI Name and Science Interest Institution

ScienceCollaboration

UK Consortium	Sub-department of Astrophysics, University of Oxford	Verma, Aprajita	JR	Davies, Roger	1
UK Consortium	University of Nottingham, School of Physics and Astronomy	Maresca, Jacob	JR	Dye, Simon	
UK Consortium	University of Nottingham, Astronomy Department	Pearson, James	JR	Dye, Simon	
UK Consortium	University of Nottingham; School of Physics and Astronomy	Saadeh, Daniela	JR	Dye, Simon	3
UK Consortium	University of Bristol, School of Physics	Fotopoulou, Sotiria	JR	Edge, Alastair	
UK Consortium	Durham University	Landt, Hermine	JR	Edge, Alastair	
UK Consortium	Durham University	Nightingale, James	JR	Edge, Alastair	
UK Consortium	Durham University (CEA)	Sedgewick, Aidan	JR	Edge, Alastair	4
UK Consortium	University of Cambridge	Sanders, Jason	JR	Evans, Wyn	
UK Consortium	Institute of Astronomy, University of Cambridge	Smith, Leigh	JR	Evans, Wyn	2
UK Consortium	Institute for Astronomy, University of Edinburgh	Cross, Nick	JR	Ferguson, Annette	
UK Consortium	Institute for Astronomy, University of Edinburgh	Hambly, Nigel	JR	Ferguson, Annette	
UK Consortium	IfA, University of Edinburgh	Kuzma, Pete	JR	Ferguson, Annette	
UK Consortium	Institute of Astronomy, University of Edinburgh	Zemaitis, Rokas	JR	Ferguson, Annette	4
UK Consortium	University of Oxford, Department of Physics	Joudaki, Shahab	JR	Ferreira, Pedro	1
UK Consortium	Department of Physics and Astronomy, University of Southampton	Greenwell, Claire	JR	Gandhi, Poshak	

UK Consortium	University of Southampton. School of Physics & Astronomy	Johnson, Michael	JR	Gandhi, Poshak	2
UK Consortium	University of Manchester	Di Valentino, Eleonoa	JR	Heavens. Alan	
UK Consortium	Royal Observatory Edinburgh / University of Manchester, School of Physics and	Schuhmann, Robert	JR	Heavens. Alan	
UK Consortium	University of Edinburgh, School of Physics & Astronomy	Zuntz, Joe	JR	Heavens. Alan	3
UK Consortium	Institute for Astronomy, University of Edinburgh	Morris, Dave	JR	Hendry, Martin	
UK Consortium	Institute for Astronomy, University of Edinburgh	Sutorius, Eckhard	JR	Hendry, Martin	2
UK Consortium	University of Edinburgh	Giblin, Benjamin	JR	Heymans, Catherine	
UK Consortium	Institute for Astronomy, University of Edinburgh	Harnois-Deraps, Joachim	JR	Heymans, Catherine	
UK Consortium	Institute for Astronomy, University of Edinburgh	Lin, Chieh-An	JR	Heymans, Catherine	3
UK Consortium	University of Southampton, Department of Physics & Astronomy	Almeyda, Triana	JR	Hoenig, Sebastian	
UK Consortium	Institute for Astronomy, University of Edinburgh	Ross, Nicholas	JR	Hoenig, Sebastian	2
UK Consortium	Lancaster University, department of Physics	Carrick, Jonathan	JR	Hook, Isobel	
UK Consortium	Lancaster University	Dumayne, Jamie	JR	Hook, Isobel	2
UK Consortium	University of Oxford	Bowler, Rebecca	JR	Jarvis, Matt	
UK Consortium	University of Oxford	Hatfield, Peter	JR	Jarvis, Matt	2

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PI Name and Science Interest Institution

ScienceCollaboration

UK Consortium	University College London, Physics and Astronomy	Mahony, Constance	JR	Joachimi, Benjamin	
UK Consortium	Institute for Astronomy, University of Edinburgh	Troester, Tilman	JR	Joachimi, Benjamin	
					2
UK Consortium	University of Cambridge, Institute of Astronomy	Muthukrishna, Daniel	JR	Kaisey Mandel	
UK Consortium	Institute of Astronomy, University of Cambridge	Thorp, Stephen	JR	Kaisey Mandel	
					2
UK Consortium	University of Hertfordshire	Geach, Jim	JR	Kaviraj, Sugata	
UK Consortium	University of Hertfordshire	Jackson, Ryan	JR	Kaviraj, Sugata	
UK Consortium	University of Hertfordshire	Thorne, Matthew	JR	Kaviraj, Sugata	
UK Consortium	University of Hertfordshire and LJMU	Watkins, Aaron	JR	Kaviraj, Sugata	
					4
UK Consortium	UCL MSSL	Vallis, Zoe	JR	Kitching, Thomas	
					1
UK Consortium	University College London Department of Physics and Astronomy	Gerardi, Francesca	JR	Korn, Andreas	
UK Consortium	University College London	Stölzner, Benjamin	JR	Korn, Andreas	
					2
UK Consortium	UCL / Physics and astronomy	Hartley, William	JR	Lahav, Ofer	
UK Consortium	UCL	Lemos, Pablo	JR	Lahav, Ofer	
UK Consortium	Physics and Astronomy - University College London	Mucesh, Sunil	JR	Lahav, Ofer	
					3
UK Consortium	Institute for Astronomy, University of Edinburgh	Voutsinas, Stelios	JR	Lawrence, Andy	
					1



UK Consortium	Physics, University of Oxford	Geron, Tobias	JR	Lintott, Chris	
UK Consortium	Dept. of Physics, University of Oxford	Walmsley, Mike	JR	Lintott, Chris	2
UK Consortium	Astronomy Centre, University of Sussex	Porth, Lucas	JR	Loveday, Jon	
UK Consortium	Astronomy Centre, University of Sussex	Pryer, Daniel	JR	Loveday, Jon	
UK Consortium	Astronomy Centre, University of Sussex	Riggs, Stephen	JR	Loveday, Jon	
UK Consortium	University of Sussex/Astronomy Centre	Shirley, Raphael	JR	Loveday, Jon	4
UK Consortium	University of Hertfordshire	Burningham, Ben	JR	Lucas, Philip	1
UK Consortium	Institute of Astronomy, Cambridge	Coulton, William	JR	Mandel, Kaisey	1
UK Consortium	Institute for Astronomy, University of Edinburgh	Beckett, George	JR	Mann,Bob	
UK Consortium	School of Physics and Astronomy, University of Edinburgh	Li, Teng	JR	Mann,Bob	
UK Consortium	EPCC, University of Edinburgh	Perry, James	JR	Mann,Bob	
UK Consortium	EPCC, University of Edinburgh	White, Darren	JR	Mann,Bob	4
UK Consortium	Liverpool John Moores University	Kwan, Juliana	JR	McCarthy, Ian	1
UK Consortium	Mullard Space Science Laboratory (MSSL), Department of Space and Climate Physics,	Allam, Tarek	JR	McEwen, Jason	
UK Consortium	University College London (UCL), MSSL	Munshi, Dipak	JR	McEwen, Jason	
UK Consortium	Mullard Space Science Laboratory (MSSL), Department of Space and Climate Physics,	Price, Matt	JR	McEwen, Jason	

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PI Name and Science Interest Institution

ScienceCollaboration

UK Consortium	Mullard Space Science Laboratory (MSSL), Department of Space and Climate Physics,	Wallis, Chris	JR	McEwen, Jason	4
UK Consortium	University of Birmingham, Department of Physics and Astronomy	Bellhouse, Callum	JR	McGee, Sean	1
UK Consortium	Institute of Astronomy, University of Cambridge	Auger, Matt	JR	McMahon, Richard	
UK Consortium	Institute of Astronomy, Cambridge	Banerji, Manda	JR	McMahon, Richard	
UK Consortium	Department of Physics and Astronomy, University College London	Bosman, Sarah	JR	McMahon, Richard	
UK Consortium	IoA, University of Cambridge	Temple, Matthew	JR	McMahon, Richard	4
UK Consortium	University of Oxford	Duncan, Christopher	JR	Miller, Lance	
UK Consortium	University of Oxford - Department of Physics (particle physics)	Weatherill, Dan	JR	Miller, Lance	2
UK Consortium	Astrophysics Group, Imperial College London	Lenz, Lena	JR	Mortlock, Daniel	1
UK Consortium	The University of Sheffield	Makrygianni, Lydia	JR	Mullaney, James	1
UK Consortium	Astrophysics Group, School of Physics, University of Exeter	Contreras Peña, Carlos	JR	Naylor, Tim	1
UK Consortium	ICG Portsmouth	Collett, Tom	JR	Nichol, Bob	
UK Consortium	University of Portsmouth	Swann, Elizabeth	JR	Nichol, Bob	2
UK Consortium	UCL Department of Physics and Astronomy	Alves, Catarina	JR	Peiris, Hiranya	

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PI Name and Science Interest Institution

ScienceCollaboration

UK Consortium	UCL Department of Physics and Astronomy	Feeney, Stephen	JR	Peiris, Hiranya	2
UK Consortium	Sussex University	Giles, Paul	JR	Romer, Kathy	
UK Consortium	University of Sussex, Department of Physics and Astronomy	Turner, David	JR	Romer, Kathy	
UK Consortium	Sussex/Physics&Astronomy	Wilkinson, Reese	JR	Romer, Kathy	3
UK Consortium	Queen's University Belfast, Astrophysics Research Centre	Fedorets, Grigori	JR	Schwamb, Meg	
UK Consortium	Institute for Astronomy, University of Edinburgh	Snodgrass, Colin	JR	Schwamb, Meg	2
UK Consortium	University of Bath Department of Physics	Chown, Abi	JR	Scowcroft, Vicky	
UK Consortium	University of Bath, Department of Physics	Laskar, Tanmoy	JR	Scowcroft, Vicky	2
UK Consortium	University of Manchester, Physics & Astronomy	Hartley, Philippa	JR	Serjeant, Stephen	
UK Consortium	The Open University / School of Physical Sciences	Wilde, Josh	JR	Serjeant, Stephen	2
UK Consortium	Lancaster University Observational Astrophysics department	O'Ryan, David	JR	Simmons, Brooke	1
UK Consortium	Queen's University Belfast, School of Mathematics and Physics - Astrophysics	Fulton, Michael	JR	Smartt, Stephen	
UK Consortium	Institute for Gravitational Wave Astronomy, University of Birmingham	Nicholl, Matt	JR	Smartt, Stephen	
UK Consortium	Queen's University Belfast	Smith, Ken	JR	Smartt, Stephen	
UK Consortium	University of Edinburgh, Royal Observatory	Williams, Roy	JR	Smartt, Stephen	
UK Consortium	Queen's University Belfast	Young, David	JR	Smartt, Stephen	

MOAName	PI Name and Science Interest	Institution	ScienceCollaboration	
				5
UK Consortium	Astrophysics and Space Research Group, School of Physics and Astronomy, University	Bianconi, Matteo	JR	Smith, Graham
UK Consortium	School of Physics and Astronomy, University of Birmingham	Ryczanowski, Daniel	JR	Smith, Graham
				2
UK Consortium	University of Warwick, Department of Physics	Gompertz, Benjamin	JR	Steeghs, Danny
				1
UK Consortium	Lancaster University, Physics Dept	Chan, Matthew	JR	Stott, John
				1
UK Consortium	University of Southampton	Angus, Charlotte	JR	Sullivan, Mark
UK Consortium	Institute of Cosmology and Gravitation, University of Portsmouth	Vincenzi, Maria	JR	Sullivan, Mark
				2
UK Consortium	University of Leicester, Department of Physics & Astronomy	Golightly, Elen	JR	Tanvir, Nial
UK Consortium	Dept of Physics and Astronomy, University of Leicester	Lamb, Gavin	JR	Tanvir, Nial
UK Consortium	University of Leicester, Dept Physics and Astronomy	Mandhai, Soheb	JR	Tanvir, Nial
UK Consortium	Dept of Physics and Astronomy, University of Leicester	Rosetti, Skye	JR	Tanvir, Nial
				4
UK Consortium	University of Oxford, Physics Department	Kroupova, Tereza	JR	Tseng, Jeff
				1
UK Consortium	University of Bath	Efthymiadou, Anastasia	JR	Villforth, Carolin
UK Consortium	University of St Andrews	Hewlett, Tim	JR	Villforth, Carolin
				2
UK Consortium	University of St Andrews	Hernandez Santisteban, Juan	JR	Wild, Vivienne
				1

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PI Name and Science Interest Institution

ScienceCollaboration

UK Consortium

University of Bath, Department of Physics

Zhang, Junkai

JR

Wuyts, Stijn

1

**Total Juniors: 121**

**Total Number of PIs: 301**