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Program

1. Variable Stars
2. Inter Stellar Mater, Star formation
3. Observational Astronomy:
4. Optical photometry and spectroscopy
5. Radio astronomy
6. Solar system and Solar physics
7. Stellar Astronomy: Stellar structure and evolution
8. Galactic Astronomy: structure, composition and evolution of our galaxy and nearby galaxies
9. Extragalactic Astronomy & Cosmology: galaxy formation, evolution, .
10. Data Reduction and Analysis
11. Virtual Observatories

Lecturers and topics

Francesca Figueras	Structure of the Galaxy, statistics Lab
David Mota of University of Oslo, Norway)	Cosmology
Itziar Aretxaga of INAOE, Mexico	Galaxies and Clusters
Kam-Ching Leung of University of Nebraska, USA	Binary Evolution and Supernovae, Emission-line Stars
Khaled Edris of Al-Azhar University, Egypt	Radio Astronomy, lecture course
Magdy Hanna of NRIAG, Egypt	Period Variation in Close Binary Star systems
Mohamed Semedah of NRIAG, Egypt	Solar flares
Nabil Awadallah of NRIAG, Egypt	Binary stars and Extrasolarplanets. Single star & binary system formation & evolution.
Nassim Seghouani of CRAA, Algeria	Astronomical Observations and Reduction Lab
Somaya Saad of NRIAG, Egypt	Variable Stars
Oleg Yu Malkov, Russia	Virtual Observatory
Sultana Nahar of Ohio University, USA	XR plasma diagnostics applied to the Sun
Xiaowei Liu of Peking University, China	Nebular astrophysics and run an interstellar medium lab
Zainab M. Award of Cairo University, Egypt	Formation and Evolution of Stars
Osama Shalabiea	Stellar Evolution



2018 Egypt ISYA							
First Week							
	March 25 Sunday	March 26 Monday	March 27 Tuesday	March 28 Wednesday	March 29 Thursday	March 30 Friday - March 31 Saturday	
09:00 - 10:30	Arrival	To Observatory	IA Galaxies 1	KCL ImpactOnCosmology	KCL Emission-line Stars	Return to Hotel Cultural Activities	
10:30 - 10:45			Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break		
10:45 - 12:15			OYM Virtual Obs 1	OYM Virtual Obs 2	OYM Virtual Obs 3		
12:15 - 13:30		Lunch	Lunch	Lunch	Lunch		
13:30 - 15:00		Introd Faculty&Student	SS Pe Reduction 1	OYM VO Labs 1	OYM VO Lab 2		
15:00 - 16:30		SS Var Stars	NS DataProcessing 1	NS DataProcessing 3	OYM VO Labs 3		
16:30 - 16:45		Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break		
16:45 - 18:15		SetUpResearchTeams	NS DataProcessing 2	SS Pe Reduction 2	NS DataProcessing 4		
18:15 - 19:45	Dinner	Dinner	Dinner	Group Photo Dinner	Dinner		
20:45		Observing	Observing	Observing			
Second Week							
	April 1 Sunday	April 2 Monday	April 3 Tuesday	April 4 Wednesday	April 5 Thursday		April 6 Friday - April 7 Saturday
09:00 - 10:30	XL ISM 1	SN Solar Plasma 1	XL ISM 3	SN Solar Plasma 2	IA Galaxies 3	Cultural Activities	
10:30 - 10:45	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break		
10:45 - 12:15	Opening	NA Binary&Exoplanets1	DM Cosmology 1	DM Cosmology 2	FF Galaxy & GAIA 4		
12:15 - 13:30	Lunch	Lunch	Lunch	Lunch	Lunch		
13:30 - 15:00	IA Galaxies 2	XL ISM 2	FF Galaxy & GAIA 2	FF Galaxy & GAIA 3	ZMA StarForm&Evol 1		
15:00 - 16:30	FF Galaxy & GAIA 1	KE Radio Astr 1	KE Radio Astr 2	XL ISM 4	DM Cosmology 3		
16:30 - 16:45	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break		
16:45 - 18:15	Egyptian Astronomy	NA BinaryForm&Evol 2	MHI Period Variation 1	XL ISM Lab 1	XL ISM Lab 2		
18:15 - 19:45	Dinner	Dinner	Dinner	Dinner	Dinner		
Third Week							
	April 8 Sunday	April 9 Monday	April 10 Tuesday	April 11 Wednesday	Departure		
09:00 - 10:30	OS Stellar Evolution	ZMA StarForm&Evol 2	MHI Period Variation 2	SN Solar Plasma 3			
10:30 - 10:45	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break			
10:45 - 12:15	KE Radio Astr 3	MS SolarFlare&Spectrosc	ZMA StarForm&Evol 3	Student Presentation			
12:15 - 13:30	Tea/Coffee	Lunch	Lunch	Lunch			
13:30 - 15:00	IA Galaxies 4	IA Career Develop	IA CV Writing	Student Presentation			
15:00 - 16:30	DM Cosmology 4	XL ISM Lab 3	KCL Grad & Job	Student Presentation			
16:30 - 16:45	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break	Tea/Coffee Break			
16:45 - 18:15	Egyptian Astronomy	Egyptian Astronomy	XL ISM Lab 4	Closing Ceremony			
18:15 - 19:45	Dinner	Dinner	Dinner	Dinner			



The 40th International School for Young Astronomers (ISYA) 2018 will be held between 26th March -11th April 2018. The school is sponsored and organized by the International Astronomical Union (IAU), the Norwegian Academy of Science and Letters (NASL) together with Egyptian-Academy of Scientific Research and Technology (ASRT).

Our Event Will Start on



USEFULL LINKS

- >> ISYAs (https://www.iau.org/science/grants_prizes/iau_grants/international_school/)
- >> OYA (https://www.iau.org/science/grants_prizes/iau_grants/international_school/office_for_young_astronomers/)
- >> NASL (<http://english.dnva.no/>)
- >> ASRT (<http://www.asrt.sci.eg/>)
- >> NRIAG (<http://www.nriag.sci.eg/>)
- >> KCSCCE (<http://kcsce.com/index.php?lang=en>)

