



ArAStrobites project has a new website and new linguistic and scientific committees. Follow us to learn more about the latest astronomical discoveries in Arabic.

You are welcome to join our volunteer team. Please contact us for more information :

info@arastrobites.org <http://arastrobites.org/>

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Contact the Arab Astronomical Society (ArAS)

Website ar-as.org

Email info@ar-as.org

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ArAS School for Astrophysics - Sfa5

The Fifth edition of the ArAS School for Astrophysics was online this year, due to Covid-19. This medium allowed more participants from many countries to participate and learn. We had 40 students from Algeria, Egypt, Jordan, Kuwait, Lebanon, Libya, Morocco, Palestine, Poland, Qatar, Saudi Arabia, Sudan, Tunisia, Yemen, Ethiopia, Iran, Honduras, India, Philippines, Namibia, and Madagascar.

We were pleased to have two scientific sessions. The first one was about AGN, Black holes, X-rays binaries and Installation & Demonstration of XMM-Newton data analysis, presented by Dr. Ranjeev Misra and Dr. Gulab Dewangan from The Inter-University Centre for Astronomy and Astrophysics, Pune, India, Dr. Poshak Gandhi from the University of Southampton, UK, and Dr. Sherehan Shehata from NRIAG – Egypt.

The second session was about X-ray data analysis under the supervision of the CIAO team, Dr. Antonell Fruscione, Dr. Jonathan McDowell, Dr. Nick Lee, Dr. Frank Primini, Dr. Doug Burke, Dr. Kenny J. Glotfelty, Dr. Rodolfo Montez, Dr. Vinay Kashyap, Dr. Aneta Siemiginowska from Center for Astrophysics | Harvard & Smithsonian, Cambridge, USA, and Dr. Hans Moritz Gunther from Massachusetts Institute of Technology (MIT), Cambridge, USA.

We also had distinguished guests for the opening ceremony Dr. Ewine van Dishoeck the IAU president, and Dr. Gad ElQady, the NRIAG president. We were delighted to receive the Director of the Chandra CXC, Dr. Pat Slane, during the 4th day.

More information about the ArAS Sfa5 on our [Facebook page](#)

<http://awsa.ar-as.org/sfa5/>

https://cxc.harvard.edu/ciao/workshop/oct20_egypt_virt/index.html

ArAS Members activities

* Dr. Zouheir Benkhaldoun, the ArAS President contributed to the creation of the Interferential seeing monitor, a seeing monitor for atmospheric turbulence studies: calibration with the differential image motion monitor, made in LPHEA-Oukaimeden Observatory. [Read more](#), on the « Monthly Notices of the Royal Astronomical Society, Volume 500, Issue 2, January 2021, Pages 1884–1888, .

* Dr. Hala Eljassar, ArAS Board member in charge of Education Development, is the Director of the first Kuwaiti Satellite ‘KuwaitSat-1’.

More information about this program in this [link](#).



* Dr. Hadia Selim, ArAS Board member in charge of Education & Public Outreach, and the president of the Scientific Society of astronomy and space, which celebrates every year "Festival of excellence and fulfillment." This year was on December 14th, where souvenirs were dedicated to three professors as gratitude for mentoring their interns. Also, the Society awarded the winners of the scientific excellence, which is awarded to scientists publishing scientific papers this year in International astronomical journals with a high impact factor. The celebration also included an educational lecture entitled "The Arabic calendar before and after Islam."

* Dr. Raid M. Suleiman, the ArAS vice president, gave a talk titled “A Geostationary Atmospheric Monitor for the Middle East” for an [online conference](#) in the King Abdulaziz University in Jeddah, Saudi Arabia.

ArAS Collaboration

The Arab Astronomical Society (ArAS), with its goals aimed at stimulating education and scientific research in the field of astronomy in the Arab countries, launched a master project on "cometary studies and their Physico-Chemical constitutions" for a student from King Abdulaziz University in Jeddah, Saudi Arabia, under the shared supervision of Dr. Yaseen Al Maleaky from King Abdulaziz University and Prof. Benkhaldoun Zouhair and Ph.D. student Moulan Youssef from the Cadi Ayyad University and the Oukaimeden Observatory in Morocco, with the support of the Arab Astronomical Society.

Astro-Events

ArAS organized an *online observation* of the great Jupiter-Saturn conjunction via zoom from Marrakech – Morocco

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<https://www.linkedin.com/in/arab-astronomical-society-259912202/>



Call for Donation

ArAS welcomes your support of our activities and projects.

Please consider donating to the ArAS, and even 1\$ would help.

* Using Paypal or credit cards :
<http://ar-as.org/index.php/donate>

* On Smile Amazon :
Go to smile.amazon.com
log into your Amazon account,
then search/select
'Arab Astronomical Society'
as your donation organization.

ArAS Astrophotography



Mohammed Fadil Talafha
Sharjah Observatory /Refractor telescope 18cm ,
panoram/ 2250 frame /HDR

Upcoming events

XIX International Workshop
On Neutrino Telescopes
18-26 février 2021 Online

<https://agenda.infn.it/event/24250/>



The IAA-CSIC School
on (exo)planetary systems
online event
January 18 - 29, 2021

[http://so.iaa.csic.es/
reports/training](http://so.iaa.csic.es/reports/training)



The 2021 AstroTech
Summer School
UC Berkeley - July 19-23, 2021
[https://isee-telescope-
workforce.org/astrotech/](https://isee-telescope-workforce.org/astrotech/)