

ArAS School for Astrophysics - SfA6

ArAS is pleased to announce the 6th ArAS School for Astrophysics will be held at Qatar University in autumn 2021. The school's date will be announced soon on our website and social media.

Interested students are invited to contact us on awsa@ar-as.org

First Advanced ArAS School for Astrophysics

ArAS is pleased to announce the First Advanced ArAS School for Astrophysics in the Kottamia Astronomical Observatory, Egypt, in October , 2021.

More information on : <https://awsa.ar-as.org/arassfaadv1/>

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Contact the Arab Astronomical Society (ArAS)

Website ar-as.org

Email info@ar-as.org

Facebook <https://www.facebook.com/ArabAstronomicalSociety.official>

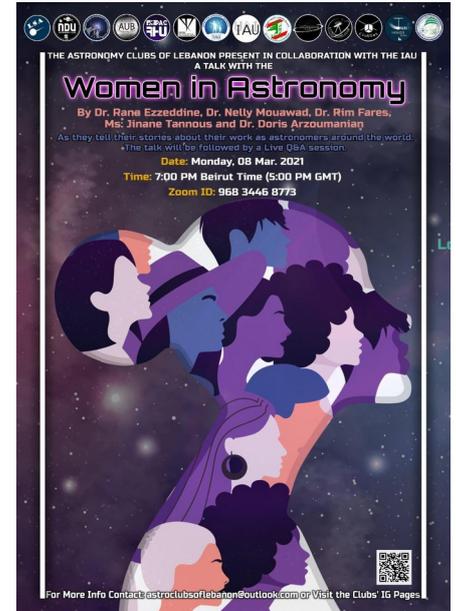
Twitter https://twitter.com/ArAS_org @ArAS_org

Instagram <https://www.instagram.com/arabastronomicalsociety/>

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

ArAS Members activities

ArAS Board Member in charge of Scientific Research Development, **Dr. Rim Fares** from United Arab Emirates University, UAE, participated in celebrating the International Women's Day (March 8th) in an event organized within IAU's activities and in participation of the Astronomy Clubs in Lebanon. During the event, Lebanese female astronomers and astrophysicists gave short talks on their fields and research interests. Dr Rim Fares talked about her journey from a physics student to an astrophysicist, and her exoplanets' research .



ArAS president, **Pr. Zouhair Benkhaldoun** gave a talk during the Conference of the African Astronomical Society – AfAS2021, entitled "Monitoring the activity and composition of the first interstellar comet 2I/Borisov with TRAPPIST telescopes " <https://www.africanastronomicalsociety.org/abstracts/>

ArAS members **Dr. Abouelmagd Elbaz** and **Dr. Mohamed Darwish** participated in the workshop entitled "Modern scientific trends in astronomy and space sciences", on 15-16 February 2021, organized by Pr. Somaya Saad from NRIAG. The workshop included many lectures that dealt with different fields such as radio and optical astronomy, studies in the range of gamma rays, as well as the use of different computational methods to deal with astronomical observations. The workshop also dealt with the practical and economic impact of investing in astronomy and space sciences and its importance for society.

ArAS Members activities

Dr. Khalid Barkaoui and **Pr. Zouhair Benkhaldoun** from Oukaimden Observatory, participated in the latest discovery about the TRAPPIST-1 exoplanets system, which has similar densities, providing clues on their composition. The study was published in The Planetary Science Journal, ‘Refining the Transit-timing and Photometric Analysis of TRAPPIST-1: Masses, Radii, Densities, Dynamics, and Ephemeres’

Ph.D. defense

Mohamed Darwish supervised by Pr. Mohamed Beheary (Al-Azhar University), Pr. Somaya Saad (NRIAG), and Pr. Khaled Edris (Al-Azhar University), defended his thesis entitled ‘Studying high mass star forming regions using MASER emission’, in December, 2020

Youssef Moulane supervised by Dr. Emmanuel Jehin (Liège University) and Pr. Zouhair Benkhaldoun (Cadi Ayyad University) defended his thesis entitled ‘Monitoring the activity and composition of comets with TRAPPIST telescopes’ in March, 2020



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.

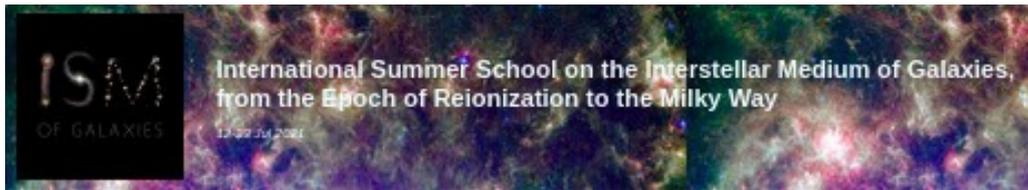
Upcoming events

International Summer School on the Interstellar Medium of Galaxies, from the Epoch of Reionization to the Milky Way 12-23 Jul 2021

The school will be held virtually via the Zoom platform.

<https://ismgalaxies2021.sciencesconf.org/>

Registration deadline May, 29, 2021



ISAPP 2021: Neutrino Physics, Astrophysics and Cosmology 22-30 July 2021

<https://isapp2020vlc.astroparticles.es/>

E-mail: isapp2020vlc@gmail.com
(no registration fee)

Registration deadline April, 30, 2021



Tonale Winter School on Cosmology 2021 5-10 décembre 2021

Passo del Tonale (TN) Italy

<https://indico.physi.uni-heidelberg.de/event/297/overview>



ISM 2021

Structure, characteristic scales, and star formation

Beirut (virtual), 11-14 May 2021

!! Registration is now Open !!

ISM 2021 Structure, characteristic scales, and star formation

Beirut (virtual)
11-14 May 2021

The conference is dedicated to the city of Beirut, and its inhabitants that have suffered greatly as a result of the explosion that occurred on August 4, 2020. The payment of the registration fee is on a voluntary basis (i.e., participants pay the fee if they can) and the collected funds will be donated to buy educational material for school children, mostly Science and Physics books.

<https://sites.google.com/view/ism2021>

ArAS Astrophotography



Mayssa El Yazidi - Padova – Italy , 26.02.2021 (45.4064° N, 11.8768° E)

5913650 BRESSER MikrOkular Full HD eyepiece camera, CMOS sensor, resolution 1920x1080.

Bresser Messier AR90/900 refractor with focal reducer X0.5.