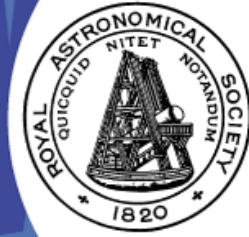




European Week of Astronomy and Space Science 3-6 April 2018- Liverpool



EWASS 2018: First Announcement

The European Astronomical Society (EAS) and the Royal Astronomical Society are pleased to announce the joint EWASS and National Astronomy Meeting (NAM) in 2018. It will be held for the first time in Liverpool, United Kingdom from 3 to 6 April 2018.

This year, the Scientific Organizing Committee has selected a wide range of Symposia and Special Sessions that cover nearly all fields of Astronomy and Astrophysics including Planets, Astrometry, Stars & Spectroscopy, Outreach, Star Formation, Feedback Processes, Star Clusters, Galaxies & Galaxy Clusters, Solar Physics, Strong Gravity & High Energy, Gravitational Waves, Cosmology as well as Software & Big Data and Instrumentation.

The programme of EWASS 2018 is very rich, including 11 Symposia and 31 Special Sessions, in addition to numerous Plenary Talks, Prize Awards, exhibitions, etc.

SYMPOSIA

1. Early science with JWST
2. Gaia: The billion-star galaxy census: at the threshold of Gaia data release 2
3. Galaxy formation through cosmic time: synergising theory and observations in the era of large facilities
4. High resolution solar physics – the dawn of a new era
5. Relativistic astrophysics
6. Software in astronomy
7. Supernova diversity: prospects and challenges for next-generation surveys
8. The formation of stars and planets
9. The interstellar medium as a window onto galaxy evolution
10. The physics and chemistry of planetary atmospheres
11. Weak and strong-lensing techniques to unveil mysteries of the Universe

SPECIAL SESSIONS

1. Active galactic nuclei: environment, triggering, life cycle, and feedback
2. Art space: using artistic media for outreach and science communication in astronomy, Solar physics and space science
3. Astrophysical jets in the era of multi-messenger astronomy
4. Atomic and molecular data needs for astronomy and astrophysics
5. Complex organic molecules in the Universe: current understanding and perspectives
6. Dust formation by evolved stars and supernovae
7. Equity and diversity in astronomy
8. Engaging the public with astronomy and space science research

9. European forum of astronomical communities
10. Exploring the high-redshift Universe in the year of JWST
11. Exploring the Universe: a European vision for the future of VLBI
12. Flares in the lower atmosphere of the Sun and stars
13. Galaxy clusters and groups across cosmic time
14. Gamma-ray bursts, hypernovae, and superluminous supernovae: energetic cosmic explosions 20 years after SN 1998bw
15. Hack together day
16. Hello, goodbye: understanding the duality of the Milky Way
17. Making the case for European astronomy and space science: public and political engagement
18. Multimessenger Astronomy with gravitational waves
19. Multiple populations in massive star clusters – a common thread through cosmological ages?
20. Multi wavelength polarimetry
21. Opening new frontiers in cosmology with the Square Kilometre Array
22. Open problems in modelling chemical element transport in stars
23. Reflection on European – African research collaborations in astronomy and space science: opportunities, achievements, challenges, and needs
24. Resolving stars and gas in the central kiloparsec: clues to disk galaxy evolution
25. Supernovae as cosmological probes
26. Surveys in the ELT era
27. The Alpha Centauri system as a benchmark for stellar and planetary systems
28. The causes and consequences of space weather
29. The state of the art and future of panchromatic nova science
30. Toward the next Generation of integral field spectrographs: ideas, designs and developments
31. Unveiling the low surface brightness Universe: the new era of deep-wide surveys

LUNCH SESSIONS

1. Equality and diversity in astronomy
2. ESA M5 candidates
3. Publishing in astronomy: workshop for authors and referees

PLENARY TALKS

The conference accommodates five lectures from EAS Prize Awardees, AAS Russell Lecture and five additional Plenary Talks by renowned astronomers on various topics. Currently confirmed Plenary Speakers are:

Elena Khomenko, Instituto de Astrofísica de Canarias, (Spain)

Marica Branchesi, Università Degli Studi Di Urbino "Carlo Bo", (Italy)

Phil Diamond, Director-General, SKA

You can find further information on <http://eas.unige.ch/EWASS2018/program.jsp>

Do not miss the chance to participate in one of the most important events of Astronomy and Space Science in Europe.

[Submit your abstract here](#)

[Register here](#)

Should you want your company or institute to be associated with our European conference, we offer sponsorship and exhibition opportunities. Several options are presented in our [brochure](#).

We would be pleased to welcome you to Liverpool and are looking forward to receive your abstract submission and registration.

Best regards,
Roger Davies (EAS President) - Matt Darnley (EHC Chair)

European Week of Astronomy and Space Science
3-6 April 2018
the Arena and Convention Centre (ACC), Liverpool, UK

Abstract submission and registration: Available from 15 September 2017

Abstract submission deadline: 27 November 2017

Very Early Registration deadline: 22 December 2017

Early Registration deadline: 6 February 2018

Please visit: <http://eas.unige.ch/EWASS2018/>

Contact: ewass2018@kuoni.com

