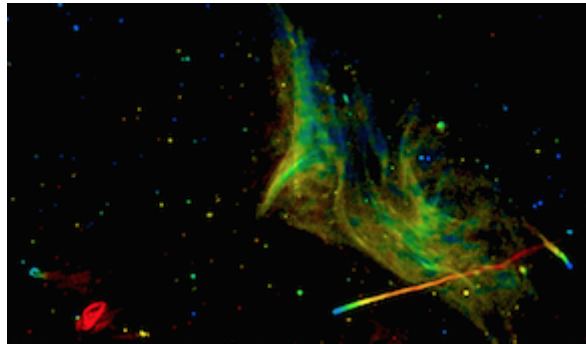


Session Program

23-27 Oct 2017



Diffuse Synchrotron Emission in Clusters of Galaxies - What's Next?

Thursday Morning

Hortus Botanicus, Leiden

Thursday 26 October

09:00

Thursday Morning: I

Session | **Location:** Hortus Botanicus, Leiden | **Convener:** Craig Sarazin

09:00–09:25 **Cool-core clusters: thermal - non-thermal connection**

Speaker

Simona Giacintucci

09:25–09:45 **Radio mode feedback: theory and simulations**

Speaker

Manel Perucho

09:45–10:05

Statistical study of radio halos in a mass-selected sample of galaxy clusters

Speaker

Virginia Cuciti

10:05–10:25 **Results from a radio halo search in high-mass SZE selected clusters**

Speaker

Dr Martin Sommer

10:25

10:45

Thursday Morning: II

Session | **Location:** Hortus Botanicus, Leiden | **Convener:** Craig Sarazin

10:45–11:10 **Cosmic-ray heating and mini-halos**

Speaker

Svenja Jacob

11:10–11:30

State-of-the-art JVLA observations of clusters of galaxies: revealing new physics about the non-thermal particles

Speaker

Prof. Julie Hlavacek-Larrondo

11:30–11:55 **Inverse-Compton hard X-ray emission from clusters: NuStar**

Speaker

Daniel Wik

11:55–12:25

Indirect turbulence measurements in galaxy clusters with Hitomi and Chandra

Speaker

Irina Zhuravleva

12:25