

PARKER SOLAR PROBE (NASA)

Saturday 6 September 2025 18:45 (45 minutes)

Dr. Nour Rawafi, astrophysicist and the project scientist for NASA's Parker Solar Probe mission, launched in 2018. Dr. Rawafi's research encompasses a wide range of solar and heliospheric areas with an emphasis on the dynamic solar corona via the analysis of spectral and imaging observations, theory, and modeling. His primary contributions have been in the areas of solar magnetic fields, coronal spectropolarimetry, coronal plumes and jets, coronal mass ejections, coronal shockwaves, solar wind, solar energetic particles, and cometary physics. He is a member of the American Geophysical Union, American Astronomical Society (AAS), and AAS Solar Physics Division.

Awards:

2019 NASA Silver Achievement Medal Award for Parker Solar Probe

2019 AAS Neil Armstrong Award for Parker Solar Probe

2016 APL Outstanding Special Publication Award for "The Solar Probe Plus Mission: Humanity's First Visit to Our Star," published in Space Science Reviews

2016 SES/SRP Merit Award for exceptional impact, expertise, and performance

2016 Parker Solar Probe Special Achievement Award for outstanding contributions to the mission

Presenter: RAWAFI, Nour E. (NASA and J. Hopkins, USA)

Session Classification: KEYNOTE 5