# Regional E-conference on Physics: Sessions on Plasma Physics

Report of Contributions

Warm Dense Matter

Contribution ID: 1 Type: **not specified** 

### Warm Dense Matter

Wednesday 19 January 2022 15:00 (1 hour)

**Presenter:** Dr RILEY, David

Contribution ID: 2 Type: not specified

### **Extreme Plasma Physics in the Lab and in Astrophysics**

Wednesday 19 January 2022 16:00 (1 hour)

**Presenter:** Prof. SILVA, Luis

Contribution ID: 3 Type: not specified

## A Multifrequency Study of the Circum-Nuclear Environment of Nearby Active Galactic Nuclei

Wednesday 19 January 2022 18:00 (30 minutes)

**Presenter:** SUNDAR, M. N.

Contribution ID: 4

Type: not specified

# Effects of Exchange Interaction on Spin Acoustic Waves with Separated Spin Evolution in Spin Polarized Quantum Plasma

Wednesday 19 January 2022 18:30 (30 minutes)

Presenter: RAHIM, Zakia

Type: not specified

Contribution ID: 5

### Photoemission time delay in laser assisted photo ionization

Wednesday 19 January 2022 19:00 (30 minutes)

Presenter: KHAN, Shahab

Contribution ID: 6

Type: not specified

#### **Beacons Across Cosmic Time: Supermassive Black Holes and Galaxy Evolution**

Thursday 20 January 2022 15:00 (1 hour)

**Presenter:** SHASTRI, Prajval

Contribution ID: 7 Type: **not specified** 

# Accelerating Flow Physics: A Background to Some Strange Effects in Fluids

Thursday 20 January 2022 16:00 (1 hour)

**Presenter:** GLEDHILL, Igle

Contribution ID: 8 Type: not specified

# Charged Particle energization during magnetic reconnection in earth's Magnetosphere by double layers: A magnetic Reconnection

Thursday 20 January 2022 18:00 (30 minutes)

**Presenter:** SHAMIR, M.

Contribution ID: 9

Type: not specified

## Oblique Bernstein Wave Propagation in Electron-Ion Plasma with Electron Quantization Effects

Thursday 20 January 2022 18:30 (30 minutes)

Presenter: Dr HUSSAIN, Azhar

Contribution ID: 10 Type: not specified

### Effects of Electric Field on Diffusion Co-efficients and Share Viscosity in Dusty Plasma

Thursday 20 January 2022 19:00 (30 minutes)

**Presenter:** SHAKOOR, M. Asif

Contribution ID: 11 Type: not specified

### Nonlinear Plasma Science - Some Recent Results and State of the Art

Friday 21 January 2022 15:00 (1 hour)

Presenter: KOURAKIS, Ioannis

Contribution ID: 12 Type: not specified

#### **Terahertz Radiation from Plasma Oscillation**

Friday 21 January 2022 16:00 (1 hour)

**Presenter:** HUR, MinSup

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Contribution ID: 13 Type: not specified

## Envelop Solitons in Weakly Dissipative Dusty Quantum Plasma

Friday 21 January 2022 18:00 (30 minutes)

Presenter: MARIA

Contribution ID: 14 Type: not specified

### Dust-ion-acoustic waves in a κ-nonthermal magnetized collisional dusty plasma with opposite polarity dust

Friday 21 January 2022 18:30 (30 minutes)

Presenter: KHAN, Rakib

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Contribution ID: 15

Type: not specified

## Arbitrary Amplitude Dust Acoustic Solitary Waves in Magnetized Two Temperature Plasma

Friday 21 January 2022 19:00 (30 minutes)

Presenter: AISHA, Muazma