

**Regional E-conference on
Physics: Sessions on
Condensed Matter Physics**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Keynote

Wednesday 19 January 2022 15:00 (1 hour)

Presenter: FOLEY, Cathy

Contribution ID: 2

Type: **not specified**

Keynote

Wednesday 19 January 2022 16:00 (1 hour)

Presenter: SAMAD, Yarjan Abdul

Contribution ID: 3

Type: **not specified**

Topological Phase Transitions and Topological Transport in Materials

Wednesday 19 January 2022 17:00 (1 hour)

Presenter: SABEEH, Kashif

Contribution ID: 4

Type: **not specified**

**Effect of temperature on frequency dependent
charge transport in
Nd_{0.4}Ca_{0.6}MnO₃O**

Wednesday 19 January 2022 18:00 (1 hour)

Presenter: ZARYAB, M.

Contribution ID: 5

Type: **not specified**

Keynote

Thursday 20 January 2022 15:00 (1 hour)

Presenter: VOLPE, Giovanni Volpe

Contribution ID: 6

Type: **not specified**

III-V semiconductors: plate form for photonic and optoelectronic devices and beyond

Thursday 20 January 2022 16:00 (1 hour)

Presenter: JABEEN, Fouzia

Contribution ID: 7

Type: **not specified**

RHEED analysis of the oxidized M_2M_xX sheets by ablated plasma thrust method in pulsed laser deposition chamber

Thursday 20 January 2022 18:00 (30 minutes)

Presenter: PARAJULI, D.

Contribution ID: 8

Type: **not specified**

Singled Walled Carbon Nanotube Dispersion

Thursday 20 January 2022 18:30 (30 minutes)

Presenter: ADHIKARI , Sudip

Contribution ID: 9

Type: **not specified**

Localization, Revivals, and Ballistic spread in One-dimensional Electric Quantum Walks

Thursday 20 January 2022 19:00 (30 minutes)

Presenter: SAJID, M.

Contribution ID: **10**

Type: **not specified**

Keynote

Friday 21 January 2022 15:00 (1 hour)

Presenter: GOPURA, Ruwan Chandra

Contribution ID: 11

Type: **not specified**

Casimir-Polder Effect and Quantum Reflection in 2D materials

Friday 21 January 2022 16:00 (1 hour)

Presenter: CYSNE, Tarik

Contribution ID: 12

Type: **not specified**

Asymmetric carrier transport and weak localization in few layer Graphene grown directly on dielectric substrate

Friday 21 January 2022 18:00 (30 minutes)

Presenter: ABBAS, Muhammad Sabbtain

Contribution ID: 13

Type: **not specified**

Hexagonal warping induced nonlinear Hall effects in topological insulator Bi_2Te_3

Friday 21 January 2022 18:30 (30 minutes)

Presenter: JASRA

Contribution ID: 14

Type: **not specified**

Dynamic magnetic response of exchange-biased CO₂FeAl / IrMn nanostructures

Friday 21 January 2022 19:00 (30 minutes)

Presenter: RAZA, Syed Adnan