

**Session Program**

**Jun 10 - 12, 2024**

# **Particles & Plasmas Symposium 2024**

## ***Classical and quantum plasmas***

Hotel Hilton in the Royal Castle Hill  
1-3. Hess András tér , 1014 Budapest, Hungary

## Tue, June 11

2:00 PM

### Classical and quantum plasmas

Session | Location: Hotel Hilton in the Royal Castle Hill, 1-3. Hess András tér , 1014 Budapest, Hungary | Convener: Johann Rafelski

2:00 – 2:45 PM

#### NAPLIFE: NAnoPlasmonic LAser Ignited Fusion Experiment - nanofusion progress 2023/24

Speaker  
Tamás Biró

2:45 – 3:30 PM

#### High field nanoplasmonics for nuclear fusion

Speaker  
Norbert Kroó

3:30 PM

4:00 PM

### Classical and quantum plasmas

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4:00 – 4:45 PM

#### High-energy, Non-thermal, Laser-induced Nano-fusion

Speaker  
László Csernai

4:45 – 5:10 PM

#### Morphology studies on craters created by femtosecond laser irradiation in UDMA polymer targets embedded with plasmonic gold nanorods

Speaker  
Ágnes Nagyné Szokol

5:10 – 5:35 PM

#### Data Evaluation in Laser Crater Experiment

Speaker  
Nour Jalal Abdulameer

5:35 PM