

Planck 2018 Memorial Scientific Symposium

**WEDNESDAY, 10 October 2018**

**9:00 Opening [ Sólyom J ]**

**Session 1** [ 9:15 – 10:45. Chairman: Varró S ]

**Bonitz M**, Max Planck, Kiel and recent progress in the dynamics of correlated quantum many-body systems. [ 9:15-10:00 ]

**Bíró T**, Black-hole horizon thermodynamics and Planck scale. [ 10:00-10:45 ]

*Coffee Break* [ 10:45 - 11:15 ]

**Session 2** [ 11:15 – 12:00. Chairman: Kiss L ]

**Csabai I**, Planck Mission: a cornerstone of modern cosmology. [ 11:15-12:00 ]

*Lunch Break* [ 12:00-13:30 ]

**Session 3** [ 13:30 – 15:00. Chairman: Fehér L ]

**de Gosson M**, The symplectic camel property and quantum mechanics: old and new results. [ 13:30-14:15 ]

**E. Szabó L**, The Kolmogorovian censorship hypothesis. [ 14:15 – 15:00 ]

*Coffee Break* [ 15:00 – 15:30 ]

**Session 4** [ 15:30 – 16:15. Chairman: Láng B ]

**Szegedi P**, A conservative revolutionary – Max Planck's worldview in physics. [15:30 – 16:15 ]

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**THURSDAY, 11 October 2018**

**Session 5** [ 9:00 – 10:30. Chairman: Patkós A ]

**Domokos P**, Atom-photon molecules. [ 9:00–9:45 ]

**Jakovác A**, Quantum field theory towards the Planck scale. [ 9:45 – 10:30 ]

*Coffee Break* [ 10:30 - 11:00 ]

**Session 6** [ 11:00 – 11:45. Chairman: Bíró T ]

**Ván P**, Relativistic thermodynamics and relativistic temperature. [ 11:00 – 11:45 ]

*Lunch Break* [ 11:45-13:30 ]

**Session 7** [ 13:30 – 15:00. Chairman: Faigel Gy ]

**Garab Gy**, Molecular mechanisms and global effects of photosynthesis, and new vistas in the ultrafast reactions. [ 13:30 – 14:15 ]

**Varró S**, Black-body radiation and the forgotten heritage of Max Planck. [ 14:15 – 15:00 ]

**15:00 Closing** [ -- ]