

ExtreMe Matter Institute EMMI

EMMI RRTF SYMPOSIUM

Emissivity of matter under extreme conditions, dileptons and chiral symmetry: established connections and missing links

October 9, 2013, GSI, Darmstadt, Lecture Hall (KBW)

Program

Chairs:

Morning: Jochen Wambach (TU Darmstadt)

Afternoon: Krzysztof Redlich (Wroclaw)

| Time | Speaker | Title |
|---------------|------------------------------|--|
| 9:00 – 10:00 | | Coffee |
| 10:00 – 10:15 | Peter Braun-Munzinger (EMMI) | Opening remarks |
| 10:15 – 10:55 | V. Shklyar (Giessen) | Baryon spectroscopy with pion-beams: the present and future |
| 10:55 – 11:35 | A. Wilson (Bonn) | The Production of Baryon Resonances using Real Photons |
| 11:35 – 12:00 | | Coffee Break |
| 12:00 – 12:40 | R. Rapp (College Station) | Light Vector Mesons in Medium: From Constraints to Predictions |
| 12:40 – 13:20 | C. Gale (Montreal) | Electromagnetic radiation from high-energy heavy-ion collisions: from microscopic aspects to bulk dynamics |
| 13:20 – 14:40 | | Lunch Break |
| 14:40 – 15:20 | O. Kaczmarek (Bielefeld) | Recent developments in Lattice Studies for Dilepton Rates and Transport Coefficients |
| 15:20 – 16:00 | H. Wittig t.b.c. (Mainz) | State-of-the-art of lattice calculations addressing hadron properties |
| 16:00 – 16:30 | | Coffee Break |
| 16:30 – 17:10 | T. Pena (Lisbon) | Covariant Spectator Theory and an integrated description of the baryon electromagnetic vertices. |
| 17:10 – 17:50 | B. Ramstein (Orsay) | Study of electromagnetic processes with HADES in pion induced reactions |
| 17:50 – 18:30 | C. Fischer (Giessen) | Hadron physics from Dyson-Schwinger equations. |
| 18:30 – 20:00 | | Dinner |

Organizers

Tetyana Galatyuk, TU Darmstadt

Piotr Salabura, Jagiellonian University, Kraków

Joachim Stroth, Frankfurt University

Information

<http://www.gsi.de/emmi/rrtf>

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