

# Perspectives of Quantum Optics

The symposium on the occasion of the award of the honorary doctorate of the University of Warsaw to Maciej Lewenstein

Warsaw, September 25-26, 2016

September 25, 2016 (Sunday)  
University of Warsaw, Library

- **10.30 -11.00 Iwo Białynicki-Birula** (Warsaw) *Two-level system: Thirty years later*
- **11.00 -11.30 Kazimierz Rzążewski** (Warsaw) *Ground-state densities of repulsive two-component Fermi gases*
- **11.30 -12.00 Fritz Haake** (Essen) *Separating fast and slow*
- **12.00 -12.30 Coffee break**
- **12.30 -13.00 Peter Zoller** (Innsbruck) *Chiral quantum optics with atoms and photons: a novel quantum many-body system*
- **13.00 -13.30 Jakub Zakrzewski** (Krakow) *Non perturbative many-body localization*
- **13.30 -14.00 Marek Żukowski** (Gdansk) *Serendipity: [Reformulated Quantum] Stokes Parameters and Correlations vs Entanglement of Light*
- **14.00 -15.00 Lunch (buffet outside lecture hall)**
- **15.00 -15.30 Anna Sanpera** (Barcelona) *Separability versus entanglement: Lewenstein's divertimento number 3*
- **15.30 -16.00 Ignacio Cirac** (Garching) *Many-body physics and quantum information*
- **16.30 -17.00 Jan Wehr** (Tucson AZ) *Noisy dynamical systems with delayed response: theory and experiment*
- **17.00 -17.30 Marek Kuś** (Warsaw) *Beyond quantum mechanics*
- **17.30 -18.10 Charles W. Clark** (NIST, MD) **special lecture**  
*Elections: Quantum Dense Coding of American History*
- **18.10 -19.00 Reception**
- **19.00 Jazz concert**
- **20.30 Dinner (by invitations)**

## **The ceremony of awarding the title of Doctor Honoris Causa**

**September 26, 2016 (Monday), 12:00  
Main Campus University of Warsaw  
Kazimierzowski Palace**

### ***National Anthem***

**Opening of the ceremony – prof. Marcin Pałys Rector of the University of Warsaw**

**Laudation – prof. Marek Trippenbach**

**Address of the Dean of the Faculty of Physics – prof. Dariusz Wasik**

**Awarding of the Diploma**

***Gaude Mater Polonia***

**Talk by Professor Maciej Lewenstein**

**Closing of the ceremony – prof. Marcin Pałys Rector of the University of Warsaw**

***Gaudeamus Igitur***

**Reception**