

# Division of Theoretical Physics Ruđer Bošković Institute



5 February 2016

## Lectures for the Opening of the H2020 project **RBI-T-WINNING**



<http://rbi-t-winning.irb.hr/>

### *Project presentation (invited guests)*

- 10:00 - **T. Antičić**: Uvodna riječ  
**Ž. Crljen**: Istraživanja Zavoda za teorijsku fiziku  
**F. Nesti**: Predstavljanje projekta 'RBI - T- WINNING'

10:45 - Coffee break

### *Public session:*

- 11:15 - **F. Nesti**: RBI-T-WINNING project opening  
11:30 - **Sébastien Descotes-Genon** (LPT): "Matter, antimatter, colour and flavour in particle physics"  
12:05 - **Paolo Salucci** (SISSA): "Dark matter in galaxies"  
12:40 - **Livia Ferro** (LMU): "Symmetries and scattering amplitudes in N=4 super Yang-Mills theory"

13:15-15:00 - Lunch

- 15:00 - **Stefano De Gironcoli** (SISSA-CNR): Van der Waals interaction from non-empirical density functional theory: developments and applications

15.40 - Coffee break

- 16:00 - **Jean Christophe Wallet** (LPT): "Noncommutative gauge theories on quantum spaces: Finiteness, integrability, causal structures"  
16:40 - **Namiko Mitarai** (NBI): "Emergence of diversity in a model ecosystem with mutually exclusive interactions"

*Ruđer Bošković Institute  
Lecture hall Wing 3 - Bijenička cesta 54, Zagreb*



Scuola Internazionale Superiore  
di Studi Avanzati

