

## **Session Program**

**13-17 Jan 2025**

# **XXXI Cracow Epiphany Conference on the recent LHC Results**

## ***prof. Zalewski's session***

Krakow, Poland

Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences, 152 Radzikowskiego  
Street, Cracow, Poland

# Wednesday 15 January

14:00

## prof. Zalewski's session

**Session** |

**Location:** Krakow, Poland, Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences, 152 Radzikowskiego Street, Cracow, Poland

14:00–14:05

### Opening

**Speakers**

Anna Kaczmarek, Marek Jezabek

14:05–14:35

### Quantum correlations in the hadronization process

**Speaker**

Marcin Kucharczyk

14:35–15:05

### Entanglement entropy, Krylov complexity and Deep inelastic scattering data

**Speaker**

Krzysztof Kutak

15:05–15:35

### Entropy production and fluctuation- dissipation theorem

**Speaker**

Maciej Nowak

15:35–16:05

### All non-local states of identical particles, or when indistinguishability is a resource

**Speaker**

Paweł Błasiak

16:05

16:45

## prof. Zalewski's session

**Session** |

**Location:** Krakow, Poland, Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences, 152 Radzikowskiego Street, Cracow, Poland

16:45–17:15

### Lecturer, Teacher and Mentor: What I have learned from Professor Zalewski?

**Speaker**

Andrzej Horzela

17:15–17:45

### Statistical physics, entropy and quantum entanglement

**Speaker**

Karol Życzkowski

17:45–18:00

### Particle physics in Kraków

**Speaker**

Kacper Zalewski

18:00–18:30

### Discussion

18:30