

## **Session Program**

**23 January 2017 to 3 February 2017**



**4th Summer School on INtelligent signal  
processing for FrontIer Research and Industry**

***DATA TRANSMISSION: THE HIGH RATES &  
HIGH SPEED CHALLENGES***

Campus of USP in Sao Paulo, Abraão de Moraes Auditorium (IF)

# Wednesday 1 February

09:00

## DATA TRANSMISSION: THE HIGH RATES & HIGH SPEED CHALLENGES

**Session** | **Location:** Campus of USP in Sao Paulo, Abraão de Moraes Auditorium (IF) | **Convener:** Lodovico Ratti

09:00–09:30

### Dedicated PET Data Acquisition systems from the Front-End to the processing stage

**Speaker**

Dr Giancarlo Sportelli

09:30–11:00

### Advanced techniques for high-rate data transmission with optical-fibers networks in Particle and Astro-Particle Physics

**Speaker**

Dr Antonio D'Amico

11:00–11:30

### Coffee break

11:30–13:00

### High Speed and High Data Transmission, related Microelectronics and Developments and Applications

**Speaker**

Dr Jacklyn Dias Reis

13:00