### Programme

**Welcome Address**  
Federico Signorini, Bank of Italy

**Session 1**  
Chair: Giuseppe Bruno  
**The Spark platform at ECS**  
Demetrio Condello, Bank of Italy  
**BIS initiative to build a Big Data Platform**  
Edward Lambe, Darko Micic and Xavier Sosnovsky, Bank for International Settlements  
**Arrears and Credit Utilization of Canadian Households**  
Anson Ho and Gias Uddin, Bank of Canada

**Session 2**  
Chair: Juri Marcucci  
**Big data and ML initiatives at the ECB**  
Juan-Alberto Sanchez and Markus Trzeciok, European Central Bank  
**BI wide Big Data platform**  
Pasquale Cariello and Filippo Quarta, Bank of Italy  
**The Bank of England’s Big Data Journey**  
Barry Willis and Nick Vaughan, Bank of England

**Session 3**  
Chair: Hiren Jani  
**BOC’s Analytic Environment: the present and a glimpse into the future**  
Barbara Collignon, Bank of Canada  
**Big Data processing framework for Economist and statisticians**  
Giuseppe Bruno, Bank of Italy

**Session 4**  
Chair: Rafael Schmidt  
**IMF experiences with Big Data & Machine Learning**  
Jimmy McHugh, International Monetary Fund  
**Recent research on Big Data and Machine Learning at the Bank of Italy**  
Juri Marcucci, Bank of Italy