Big Data Europe 3rd Workshop in Energy
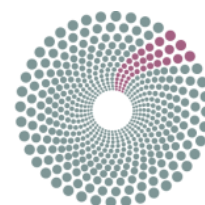
Amsterdam 28th of November 2017
Venue: WindEurope Conference: Elicium D203 2nd floor

Agenda

13:00 – 13:10 Welcome & Introduction

- Introducing attendees, workshop goals
- BigDataEurope: Scope and opportunities (BDE Consortium)

13:10 – 13:25 Review talks

- EU Research & Innovation priorities on Energy and Digitalization (**Mr. Mark van Stiphout**, Mark VAN STIPHOUT, DG ENER C.2, Dep. Head of Unit)
- Big Data in Energy domain (BDE consortium, CRES)

13:25 – 14:30 Asset management and Big Data

- Cloud based Wind Analytics (**Mr. Masoud Asgarpour**, Team Lead Analytics, VATTENFALL)
- Wind Farm monitoring with advanced analytics (**Mr Peter Clive**, WoodGroup)
- Options for Wind Farm performance assessment and Power forecasting (**Mr. A. Kyritsis**, Analyst, ALTSOL/TERNA)

14:30 – 15:10 BDE Open Platform

- BDE Platform: components, application fields, how to install and use (**Mr. Ivan Ermilov**, IT Researcher, University of Leipzig)
- Round table discussion for Big Data tools and BDE platform use

15:10 – 15:20 Coffee break - networking

15:20 – 16:40 System monitoring

- Big Data in Wind Turbine Condition Monitoring (**Prof. Jan Helsen**, Drivetrain monitoring and Big Data coordinator, OWI Lab)
- Data management challenges in WT testing and monitoring (**Mr. Gorka Gainza**, Engineering Manager, ARESSE)
- BDE Pilot case for Wind Turbine condition monitoring research (BDE, **Mr. F. Mouzakis**, Head Wind Turbine Testing, CRES)

16:40 – 16:55 Round table discussion

- Future data management and analytics needs in Wind Energy
- BDE platform prospects: development, application and maintenance
- Future research opportunities
- Scheduled Webinar

16:50 – 17:00 Summary, Outreach & Farewell

17:00 End

Registration: Free in www.big-data-europe.eu