



**UNIMORE**  
UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA

Dottorato di Ricerca in Ingegneria  
industriale e del territorio “Enzo Ferrari”

## 2 Seminars for Phd students with Prof. Milton Borsato

Milton Borsato is full professor at Federal University of Technology (UTFPR), Paraná (Brazil). His research interests are in the area of information systems for product lifecycle management and sustainable manufacturing. Dr. Borsato has been involved in the study of Design Engineering for over 25 years and has practical experience with industry and design projects.

### Seminar 1

# Introduction to Ontology Building and Applications in Industry

**19 FEB 2020, 9.00-11.00**

Aula Master MO27, ground floor  
Via Vivarelli 10 – 41125 Modena

*Abstract: A hands-on 2-hour seminar for PhD students on what ontologies are and what they are for; applying good practices on ontology building; installing and using Protege as an ontology editor; creation of classes, properties, instances and axioms; inferencing; querying ontologies; ontology building in the context of industry.*

*Requirement: laptop. Free software to be installed by each participant (Java, Protege).*

### Seminar 2

# Introduction to Process Modelling Using BPMN

**21 FEB 2020, 9.00-11.00**

Aula Master MO27, ground floor  
Via Vivarelli 10 – 41125 Modena

*Abstract: A hands-on 2-hour seminar for PhD students on process logic and the BPMN standard for process modelling; representation elements; decomposition; loops; advanced representation elements; process modelling in the context of industry.*

*Requirement: laptop. Free software to be installed by each participant (Camunda).*