



# **2nd International Conference on Model & Data Engineering (MEDI'2012)**

## **Program**

October 3 – 5 2012

Poitiers, Futuroscope – FRANCE

<http://medi2012.ensma.fr>

## ***Organizers and Sponsors***

**MEDI 2012 is jointly organized by:**



*LIAS Laboratory*



*ISAE – ENSMA School*



*Poitiers University*

**Sponsors:**



Région Poitou-Charentes



CRITT Informatique

**Organizing Committee:**

***General Chair:***

Ladjel BELLATRECHE, LIAS/ENSMA, France

***Program Co-chairs:***

Alberto Abello, Spain

Boualem Benatallah, Australia

## ***Location***

### **Poitiers and its surroundings : Culture and Leisure**

Poitiers, a warm and lively city with many narrow alleyways situated around its historic university, one of the oldest in Europe. It is a favorite stopover for Romanesque art lovers who are able to find many different reasons to stroll around and discover the town. In the north, across the Clain Valley, sports fans will be just as delighted with the lake at St-Cyr and the International Welcome Centre which includes a wide variety of sports and leisure activities.....



### **Futuroscope : the European Park of the Moving Images**

Just outside Poitiers on a great green plain, futuristic shapes puncture the skyline. It's as if all the far fetched settings from the science fiction movies have been beamed down to earth. These are the pavilions of Futuroscope and what goes on inside them can be breathtaking. You can experience the magic of massive 3D cinema, virtual reality simulator rides and the latest in communication technologies. There are 22 of the world's largest and most exciting visual presentations, ranging from classics like Mount Everest and The Grand Canyon to the very latest in dynamic entertainment.



# ***Venue***

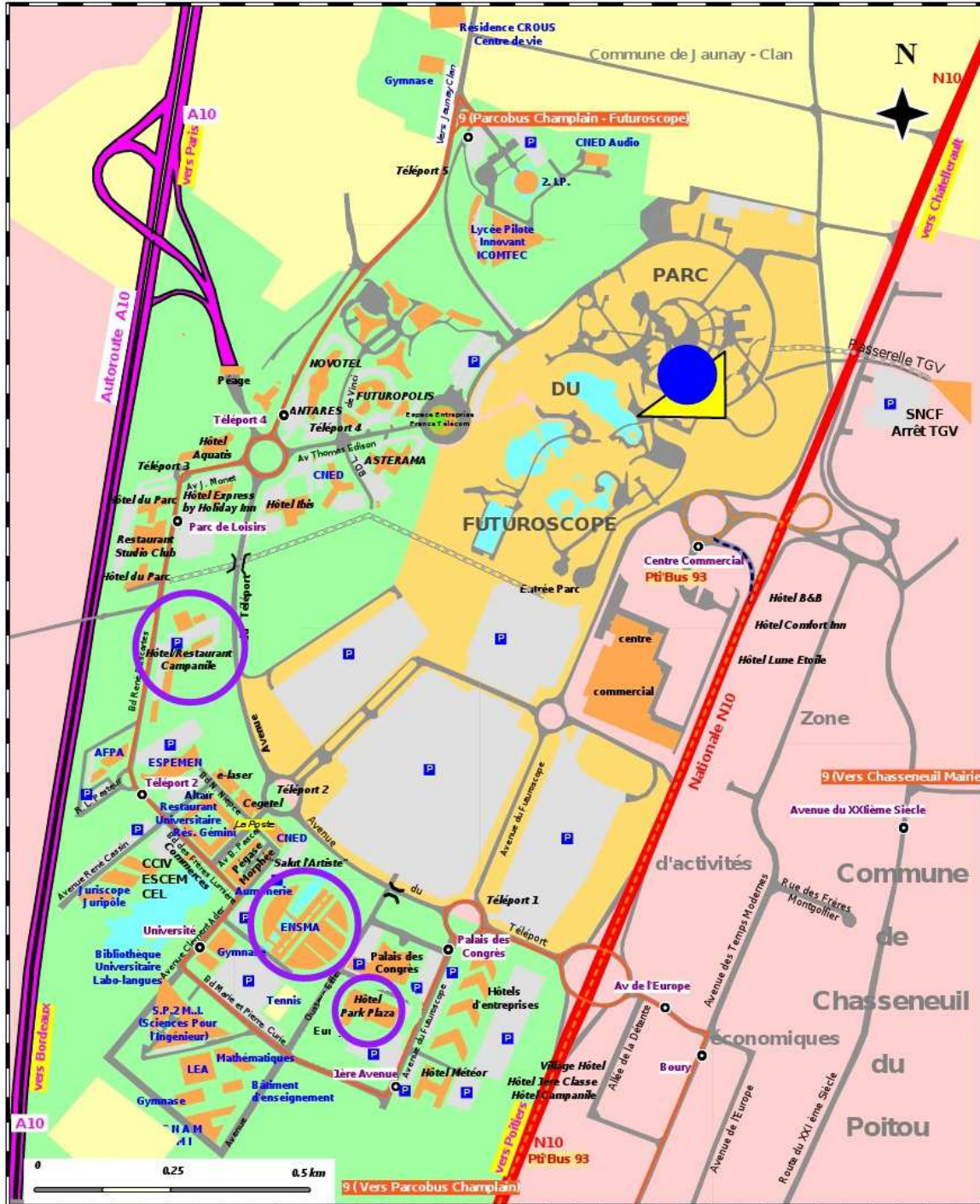
**Bus from Poitiers Railway Station or City Center to ENSMA (line 1, cost of the ticket: 1.20 euro)**

- The bus stop Gare SNCF is across the street from the train station
- The bus stop "1ere Avenue" serves the Alteora Hotel
- The bus stop "Université" serves the ENSMA
- The bus stop "Parc de loisirs" serves the Hotel Express By Holiday Inn
- The bus stop "Téléport 4" serves the Hotel Ibis Futuroscope
- The bus stop "Palais des congrès " serves the Hotel Plaza Futuroscope

## **Taxi**

- Phone: 05 49 55 49 56 or 05 49 88 12 34 or 05 49 58 21 37 or 05 49 60 75 99
- Cost: (from Poitiers Railway Station to ENSMA and hotels): approximately 20 €
- Cost (from Poitiers aeroport to ENSMA and hotels): approximately 20 €

# Plan



# Accomodations





## Hotel with special prices for conference members

### 1. Alteora (\*\*\*)

Téléport 1 - Avenue du Futuroscope  
BP 80140 FUTUROSCOPE CHASSENEUIL  
Tel.: +33 (0)5 49 49 09 10  
Fax: +33 (0)5 49 49 09 11  
Email: [info@hotel-alteora.com](mailto:info@hotel-alteora.com)  
Site Web: <http://www.hotel-alteora.com>

Alteora hotel offers special rates for MEDI conference participants. Special prices are guaranteed until 20th September, please fill and send this below form as soon as possible.

Form:

-  [english](http://medi2012.ensma.fr/files/MEDI-BookHotel-Alteora.pdf) (http://medi2012.ensma.fr/files/MEDI-BookHotel-Alteora.pdf)
-  [english](http://medi2012.ensma.fr/files/MEDI-BookHotel-Alteora.xls) (http://medi2012.ensma.fr/files/MEDI-BookHotel-Alteora.xls)
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-  [french](http://medi2012.ensma.fr/files/MEDI-ReservationHotel-Alteora.xls) (http://medi2012.ensma.fr/files/MEDI-ReservationHotel-Alteora.xls).

## Hotel near the conference location

### 2. Campanile Futuroscope (\*\*)

BLD RENE DESCARTES ZA DU TELEPORT  
86960 FUTUROSCOPE CHASSENEUIL  
Tel.: +33 (0)5 49 49 06 58  
Web Site: <http://www.campanile-poitiers-futuroscope.fr/>  
Price: ~ 80 EUR (breakfast included)

### 3. Novotel (\*\*\*\*)

Téléport 4 - BP 30135  
86961 Chasseneuil Futuroscope Cedex  
Tel.: +33 (0)5 49 49 91 91  
Fax: +33 (0)5 49 49 91 90  
Web site: <http://www.novotel-futuroscope.biz/>  
Price: ~ 100 EUR (breakfast included)

### 4. IBIS (\*\*)

Avenue Thomas Edison FUTUROSCOPE - CHASSENEUIL  
86360 - CHASSENEUIL DU POITOU - FRANCE  
Tel.: +33 (0)5 49 49 90 00  
Fax: +33 (0)5 49 49 90 09  
Web Site: <http://www.ibishotel.com/fr/hotel-1193-ibis-poitiers-futuroscope/>  
Price: ~ 70 EUR

## **Hotel in the Poitiers center**

### **5. Le Grand Hotel (\*\*\*\*)**

28, rue Carnot  
86000 POITIERS  
Tel.: +33 (0)5 49 60 90 60  
Fax: +33 (0)5 49 62 81 89  
Web Site: <http://www.grandhotelpoitiers.fr/>  
Price: ~ 75 EUR

### **6. Hôtel de l'Europe (\*\*\*)**

39, rue Carnot  
86000 POITIERS  
Tel.: +33 (0)5 49 88 12 00  
Fax: +33 (0)5 49 88 97 30  
Web Site: <http://www.hotel-europe-poitiers.com/>  
Price: ~90 EUR

# Conference Program

**Wednesday (October 03, 2012)**

**11h00 - 12h00 Registration**

**12h00 - 14h00 Lunch**

**14h00 - 15h00 Keynote 1** Cloud Blueprint: A Model-driven Approach to Configuring Federated Clouds, Mike P. Papazoglou, Tilburg University, the Netherlands

**15h00 - 15h30 Coffee Break**

**15h30 - 17h30 Session 1: Model Driven Engineering, Modelling Languages, Meta-modelling, Model Transformation, Model Evolution (I)**

- Roula Karam, Piero Fraternali, Alessandro Bozzon and Luca Galli. Modeling End-Users as Contributors in Human Computation Applications
- Diego Rodriguez-Gracia, Javier Criado, Luis Iribarne, Nicolas Padilla and Cristina Vicente-Chicote. Runtime Adaptation of Architectural Models: an approach for adapting User
- Carlo Batini, Marco Comerio and Gianluigi Viscusi. Managing quality of large set of conceptual schemas in Public Administration: methods and experiences
- Anthony Fernandes Pires, Thomas Polacsek and Stéphane Duprat. Formal software verification at model and at source code levels

**19h00 - ... Social Program**

**Thursday (October 04, 2012)**

**9h00 - 10h00 Keynote 2** Model-based Auto Coding of Embedded Control Software with full Semantics, by Eric Féron, Georgia Institute of Technology, Atlanta, Georgia, USA

**10h00 - 10h30 Coffee Break**

**10h30 – 12h30 Session 2: Model Driven Engineering, Modelling Languages, Meta-modelling, Model Transformation, Model Evolution (II)**

- Sébastien Maitrehenry, Yamine Aït-Ameur, Pierre Bieber and Sylvain Metge. A MDE-Based Synthesis of Aircraft Safety Models
- Selma Djedjai, Martin Strecker and Mezghiche Mohamed. Integrating a Formal Development for DSLs into Meta-Modeling
- Emsaieb Geepalla, Behzad Bordbar and Joel Last. Transformation of Spatio-Temporal Role Based Access Control Specification to Alloy
- Jamel Feki and Said Taktak. How to evolve DM after DW evolution

**12h30 - 14h00 Lunch**



**14h00 - 15h30 Session 3: Ontology Based Modelling, Role of Ontologies in Modelling Activities**

- Nesrine Ben Mustapha, Marie-Aude Aufaure, Hajer Baazaoui Zghal and Henda Ben Ghezala. Modular Ontological Warehouse for Adaptive Information Search
- Meriem Djezzar, Mounir Hemam and Zizette Boufaïda. Ontological Re-Classification of Individuals: A Multi-Viewpoints Approach
- Jesus M. Almendros-Jimenez and Luis Iribarne. Transformation and Validation with SWRL and OWL of ODM based Models

**15h30 - 16h00 Coffee Break**

**16h00 - 17h00 Session 3: Ontology Based Modelling, Role of Ontologies in Modelling Activities**

- Rania Soussi and Marie-Aude Aufaure. Enterprise Ontology Learning for Heterogeneous Graphs Extraction
- Franck Barbier and Eric Cariou. Inductive UML

**19h00 - ... Exotic Gala Dinner**

**Friday (October 05, 2012) 9h00 - 10h30**

**9h00 - 10h00 Keynote 3** Development and use of ontologies in the engineering domain, by Eric Sardet, CRITT Informatique, Poitiers Futuroscope, France

**10h00 - 10h30 Coffee Break**

**10h30 – 12h30 Session 4: Miscelanea**

- Takashi Yanagisawa and Takao Miura. Context-based Query using Dependency Structures based on Latent Topic Model
- Karabadji Nour Elislem, Khelf Ilyes and Seridi Hassina. Decision Tree Selection in an Industrial Machine Fault Diagnostics
- Fairouz Dahi and Nora Bounour. Crosscutting Concerns Identification Approach based on the Sequence Diagram Analysis

**12h30 - 12h45 Closing**

**12h45 Lunch**

## ***PC Members***

Amine Abdelmalek, Algeria  
El Hassan Abdelwahed, Morocco  
Yamine Ait Ameer, France  
Jose F Aldana Montes, Spain  
Marie-Aude Aufaure, France  
Franck Barbier, France  
Salima Benbernou, France  
Djamal Benslimane, France  
Rafael Berlanga, Spain  
Sandro Bimonte, France  
Alexander Borusan, Germany  
Azedine Boulmakoul, Morocco  
Omar Boussaid, France  
Coral Calero, Spain  
Malu Castellanos, USA  
Damianos Chatziantoniou, Greece  
Mandy Chessell, England  
Alain Crolotte, USA  
Florian Daniel, France  
Jerome Darmont, France  
Habiba Drias, Algeria  
Marlon Dumas, Australia  
Todd Eavis, Canada  
Johann Eder, Austria  
Mostafa Ezziyyani, Morocco  
Marie-Christine Fauvet, France  
Jamel Feki, Tunisia  
Eduardo Fernandez-Medina, Spain  
Pedro Furtado, Portugal  
Roberto Garcia, Spain  
Faiez Gargouri, Tunisia  
Ahmad Ghazal, USA  
Rosa Maria Gil, Spain  
Claude Godart, France  
Matteo Golfarelli, Italy  
Daniela Grigori, France  
Amarnath Gupta, USA  
Mohand-Said Hacid, France  
Stephane Jean, France  
Eleanna Kafeza, Greece  
Ralf-Detlef Kutsche, Germany  
Anna-Lena Lamprecht, Germany  
Nabil Layaïda, France  
Nhan Le Thanh, France  
Jens Lechtenbörger, Germany  
Yves Ledru, France  
Wolfgang Lehner, Germany  
Antónia Lopes, Portugal  
Li Ma, China  
Patrick Marcel, France  
Esperanza Marcos, Spain  
Tiziana Margaria, Germany  
Brahim Medjahed, USA  
Dominique Mery, France  
Mezghiche Mohamed, Algeria  
Hamid Motahari, USA  
Kazumi Nakamatsu, Japan  
Paulo Novais, Portugal  
Carlos Ordonez, USA  
Aris Ouksel, USA  
Mourad Ouzzani, Qatar  
Oscar Pastor Lopez, Spain  
Julien Ponge, France  
Anna Queralt, Spain  
Chantal Reynaud, France  
M. Elena Rodriguez, Spain  
Oscar Romero, Spain  
Sherif Sakr, Australia  
Manuel Santos, Portugal  
Timos Sellis, Greece  
Michael Sheng, Australia  
Alkis Simitsis, USA  
Maurice H. Ter Beek, Italy  
Ronan Tournier, France  
Juan Trujillo, Spain  
Toni Urpí, Spain  
Panos Vassiliadis, Greece  
Boris Vrdoljak, Croatia  
Virginie Wiels, France  
Leandro Krug Wives, Brazil  
Robert Wrembel, Poland  
Esteban Zimanyi, Belgium  
Marta Zorrilla, Spain  
Tansel Özyer, Turkey