DREAM Winter School
Interaction meeting with twin projects
Innovation game

Raphael Caire, Grenoble INP

14th-17th of December 2015

présentation available in the Dream website

Warm welcome in Grenoble

Population
447 000 residents

Higher education
62 000 students

11 % of the population are students
45 % of the students are in Science
11 % are foreign students

Research
15 000 researchers

11 000 in public institutions
4000 in private organizations

One of the foremost scientific and technological center in Europe

5 European research centers
8 national research centers
230 laboratories

Winter School in Grenoble INP

- Winter school about distributed intelligence for Smart Grids

- From 14th to 17th of December 2015

- Speakers:

  - Keynote speakers (from DREAM: Nikos Hatziargyriou, Rene Kamphuis, among others)
  - Speakers from 711 twins project
  - Other invited speaker from key university in Smart Grid (UPC)

- Interactive session focus on the distribution of intelligence and end user participation to energy and balancing markets

- With students from KIC Innoenergy

December 2015	Monday 14th		Tuesday 15th		Wednesday 16th		Thusrday 17th	
	Morning	afternoon	morning	afternoon	morning	afternoon	morning	afternoon
Master Students (SGB, KIC SENSE & SC) **Twins project meeting** **PhD Students**	**09:30-10:00** Introduction by R. Caire & Maud Demperat **10:15-12:15** Agent based coordination for Smart Grid and Microgrid by Nikos Hatziargyriou	**13:45-15:15** Agent based coordination for Smart Grid and Microgrid Despina Koukoula et Iasonas Kouveliotis-Lysikatos **15:30-17:00** Agent based coordination for market issues by René Kamphuis **17:00-19:00** SENSE meeting	**09:30-10:30** UPC work about agent based control by Andreas Sumper **10:30-11:15** INCREASE Agent Based control view by Grigoris Papagiannis **11:30-12:15** IDEAL "Congestion management at distribution network", Francisco Ramos	**13:45-14:30** LV state estimator and voltage control by Ricardo Bessa **14:30-15:15** DREAM Agent Based control view by Raphael Caire & René Kamphuis **15:30-17:30** Discussions about Agent based coordination in DSO evolving operational systems	INNOVATION GAME **Immersion & Inspiration:** Find essential information in order to fully understand the challenge and direct your search for potential solutions. **Restitution Workshop** **09:00-10:30** Market in 711 projects session **10:45-11:45** final discussion	INNOVATION GAME **Creativity Workshop:** Explore ideas and develop solutions. "Creativity is inventing, experimenting, growing, taking risks, breaking rules, making mistakes, and having fun." Mary Lou Cook	INNOVATION GAME **Have Your Concept Challenged:** test and improve your solution. **Revise Your Concept:** Develop a new version of your solution based on previous comments.	INNOVATION GAME **Prepare Your Pitch:** Prepare your presentation to show the jury how great your solution is! Pitch Time! quickly and simply define your solution and persuade of its value.

Support from:

Winter School in Grenoble INP – important points

**Lectures
Interaction
meeting**

Lunches

**Monday
diner**

**Evacuation
Area**

ZONE D   ZONE C   ZONE B   ZONE A

AMPHI BERGES

FORUM
RESTAURANT

ENTRANCE

1st Floor

ZONE B
Project Room 1-B-008
Project Room 1-B-009
ZONE C
Project Room 1-C-007
Project Room 1-C-008
AMPHI COULOMB

ZONE D
BOARDROOM

2nd Floor

ZONE B
Project Room 2-B-002
IT Room 2-B-001
ZONE C
IT Room 2-C-005

Dream: 6
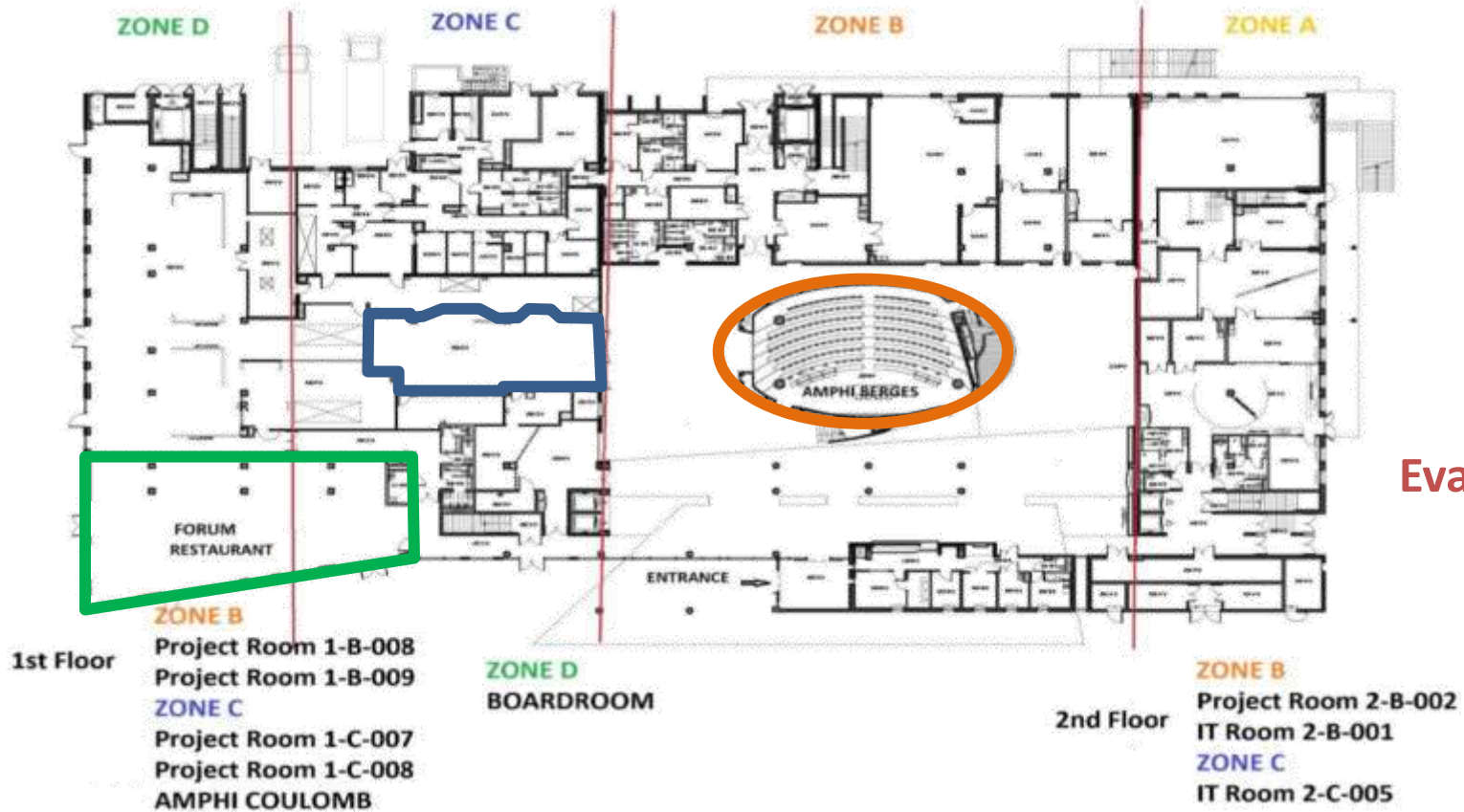
KIC and EU project dinner

- A social event is organized for KIC Master Students joining the EU project participants the Tuesday night

Café Forté
4 place Lavalette
Grenoble

- Tram **B** stop

Notre Dame Musée

from 20:30