Welcome to Nice.


1. Gyamfi Atta Kwame OK
2. Marco Capo OK
3. Gabriela Cirtala OK
4. Tianyu Duan M OK
5. Mauricio Garcia Vergara OK
6. Dina Garmash OK
7. Marc Guirao Enroute
8. Olga Koval OK
9. Orest Mykhaskiv Enroute
10. Babajide Oyewole OK
11. Mahmoud Mohamed Reda Ahmed Elsawy OK
Welcome administratively

1. Confirm your registration to the university. First floor of building named “petit Valrose”
2. Apply for a residence permit for student (Carte de séjour étudiant), French administration for foreigners: “Préfecture des Alpes Maritimes”
3. Did you need French courses? please let me know.
A. Préfecture des Alpes Maritimes
147 Route de Grenoble, 06286 Nice
04 93 72 20 00

Google Maps
http://maps.google.fr/maps?hl=fr&ie=UTF8&q=Préfecture+d...
Campus Valrose
Schedule of the semester

1. **Today March 4th**  Welcome
2. **March 5th to May 17th**  Lectures
3. **May 20th to May 24th**  Final exams
4. **May 27th to June 27th**  Internships.
5. **June 28th**  Oral presentation of your Internship.
6. **June 28th**  Graduations.
## Schedule of a week

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Seminars: 14H00-16H00

March 13th: Roland Masson (JAD Nice)
March 20th: Fabien Petitpas (IUSTI Marseille)
April 10th: Virginie Grandgirard (IRFM/CEA Cadarache)
April 17th: Stephane Lanteri (INRIA Sophia)
    April 24: Jeaniffer Vides (MdS, Paris: MathMods 2011)
May 15th: Antoine Bourgeade (CEA Bordeaux)
Evaluations

to be specified by each professor

General rule proposed:

$\frac{1}{3}$ Homeworks + $\frac{1}{3}$ continuous controls + $\frac{1}{3}$ Final exam
Schedule of final exams

To be defined.
May 27th to June 27th: Internship.

1. Space time domain decomposition algorithms for multiphase porous media flows.  
   Supervisor: R. Masson

2. Fast Methods for Mesh Intersection with Application to Semi-Lagrangian Method  
   Supervisor: J. Blum.

   Supervisor: B. Nkonga

4. Back and Forth Nudging for the estimation of the initial state of a system.  
   Supervisors: J. Blum and D. Auroux.

5. Optimal Control for 1D Parabolic Problems: Linear Solvers  
   Supervisors: J. Blum

6. Finite difference schemes for Black-Scholes equation.  
   Supervisors: Nkonga

7. Shallow water model for the simulation of Roll waves.  
   Supervisors: Nkonga

8. Shallow water model for the simulation of Hydraulic jump.  
   Supervisors: Nkonga
June 28th

Oral presentation of your Internship.
Graduations.