

Master of Science in Industrial and Applied Mathematics (MSIAM)

**Internships rules and discussion
November 10, 2014**

Olivier Gaudoin – Anatoli Iouditski

Master thesis project

- **Research project in applied mathematics**
- Academic laboratories
 - In Grenoble: LJK, TIMC, LIG, GIPSA, INRIA,...
- Research centers in industry
 - In Grenoble: Orange labs, CEA, ST Microelectronics, Schneider Electric, Xerox Research Center, Hewlett-Packard, ...
- In France or abroad

Key dates

- Full-time: from February to June
- Defenses first round: June, 22-24
- Possible extension: from July to September
- Defenses second round: beginning of September (only for Ensimag students)

Project work

- Understanding scientific issues in any domain of applied maths
- Analysis and synthesis of the state of the art related to the subject
- Proposal for a solution and positioning contribution with respect to related work
- Validation of the proposed solution (experimental or/and theoretical)

How to choose a project

- List of master thesis proposals on MSIAM website
 - <http://msiam.imag.fr/doku.php?id=mpproposals2014>
- Many other subjects available on the web or by personal contact
- Contact possible supervisors, discuss with them
- When you agree on a subject with a supervisor, e-mail olivier.gaudoin@imag.fr and anatoli.iouditski@imag.fr for validation
- Students undertaking a project outside a local academic laboratory must find a local tutor

Project internship agreement

- INP students: contact Elena.Leibowitch@grenoble-inp.fr
(office D002)
 - The online agreement must be completed as least 3 weeks before the beginning of the internship
 - More details on internships on Intranet Ensimag: “Stages et PFE”
- UJF students : contact Carole.Durand@ujf-grenoble.fr
(office F019A)
 - The *Internship information form* is available online
 - More information on the Intranet page
<http://ufrima.imag.fr/spip.php?rubrique189>

Project report

- Written in English or French
- Structure: introduction, problem description, state of the art, implementation, evaluation, conclusions, bibliography
- Writing: vocabulary, spelling, grammar
- Style: clear, concise, illustrated and readable
- Size: 40 +/- 10 pages
- Send report to olivier.gaudoin@imag.fr and anatoli.iouditski@imag.fr and deposit a printed copy at IM2AG internship office (F019A) by June 18

Project defense

Each defense lasts 60 mn

- 25mn of presentation (must include research perspective for a PhD: 2-3 mn)
- 20mn of questions
- 15mn of deliberation

Thank you for your attention

Questions?

msiam.imag.fr

Discussion

msiam.imag.fr

Information

- MSIAM website: <http://msiam.imag.fr>
- Timetable: <https://edt.grenoble-inp.fr/2014-2015>
- MSIAM billboard in Ensimag's lobby
- Elena's office: Ensimag Registrar's office D002
- Latifa's office: UFR IM²AG Registrar's office F005.
- olivier.gaudoin@imag.fr, anatoli.iouditski@imag.fr