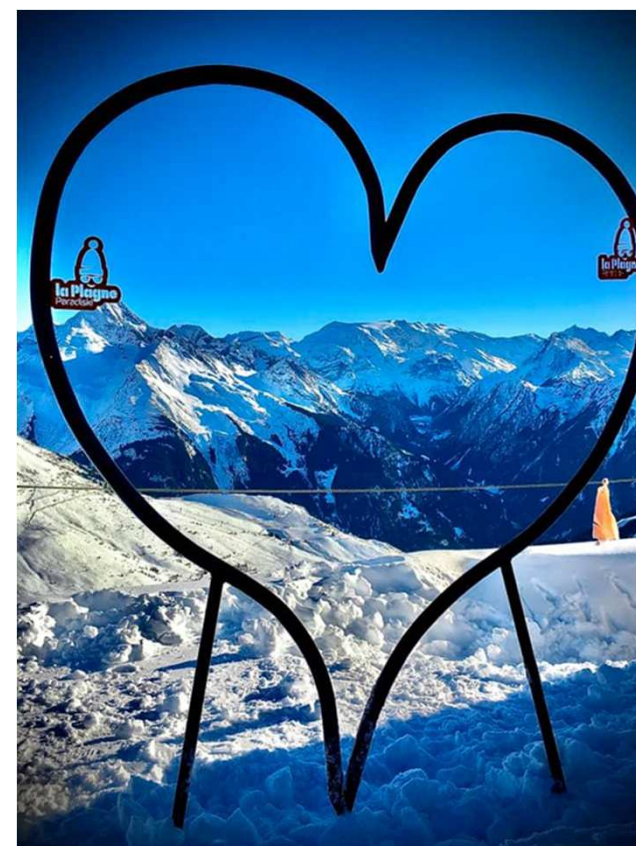
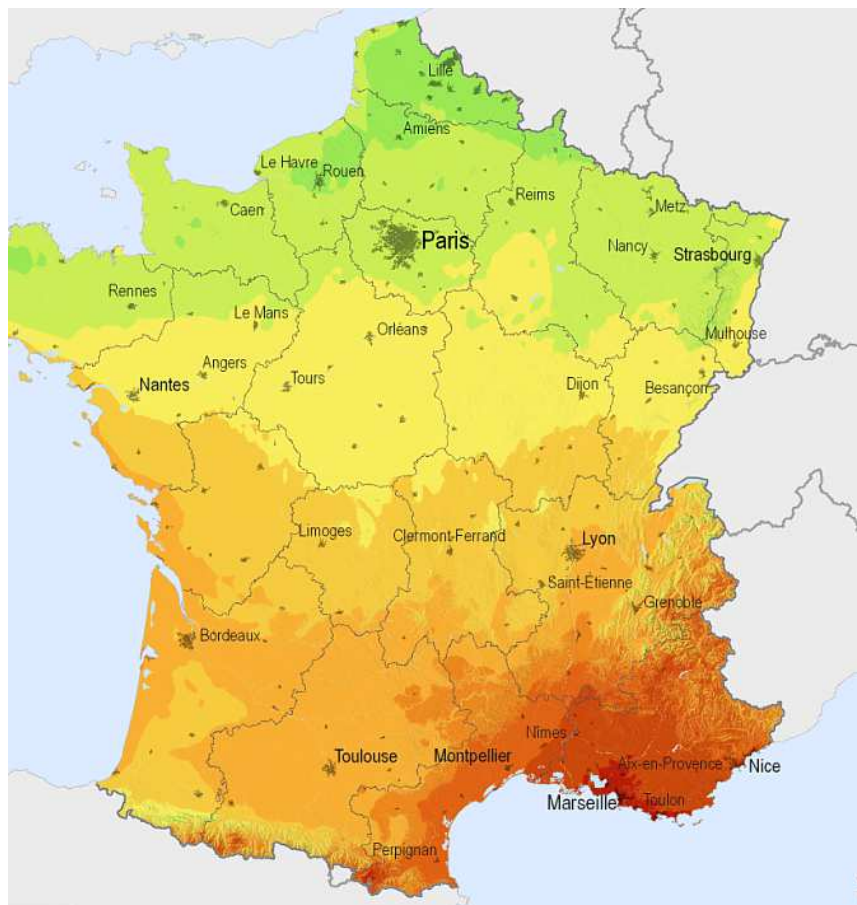


Welcome to Grenoble INP - Phelma



French style, food, life...



Agenda

8h30 Arriving & Registration

9h00 Opening

9h15 Practical information about Phelma semester

10h00 Internships & Enterprise Relation Office of Phelma

10h30 ISSO presentation

11h00 Presentation Labs & Project



Anne VILCOT

Director of Phelma



Patrice PETITCLAIR

Director of Academic Programs



Alice CAPLIER

Director of International Office



Edwige BANO

*Internship
Master thesis*



Panagiota MORFOULI

Nanotech Coordination



Liliana PREJBEANU

Administrative Staff



Eliane ZAMMIT

Secretary/ Admissions

room M403



Anne-Marie BONA

International Office

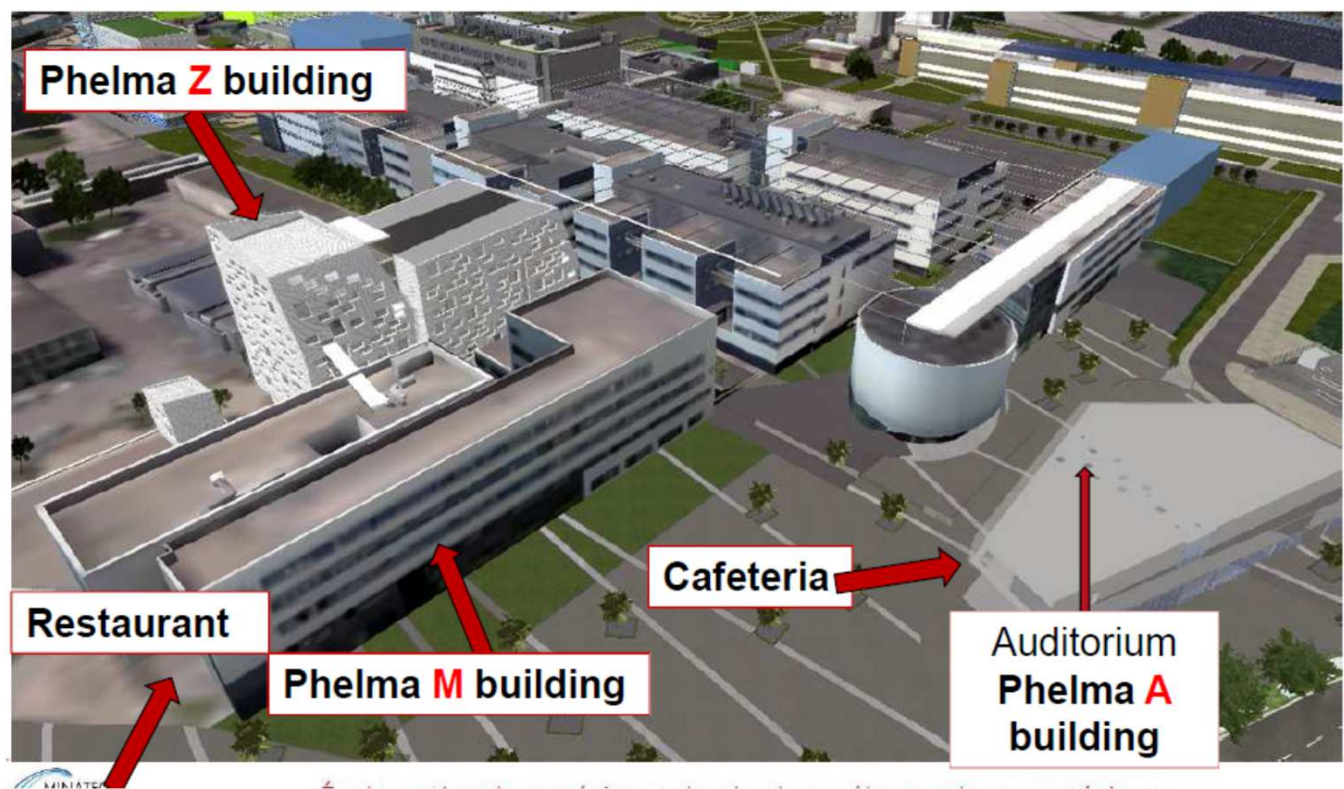
room M404



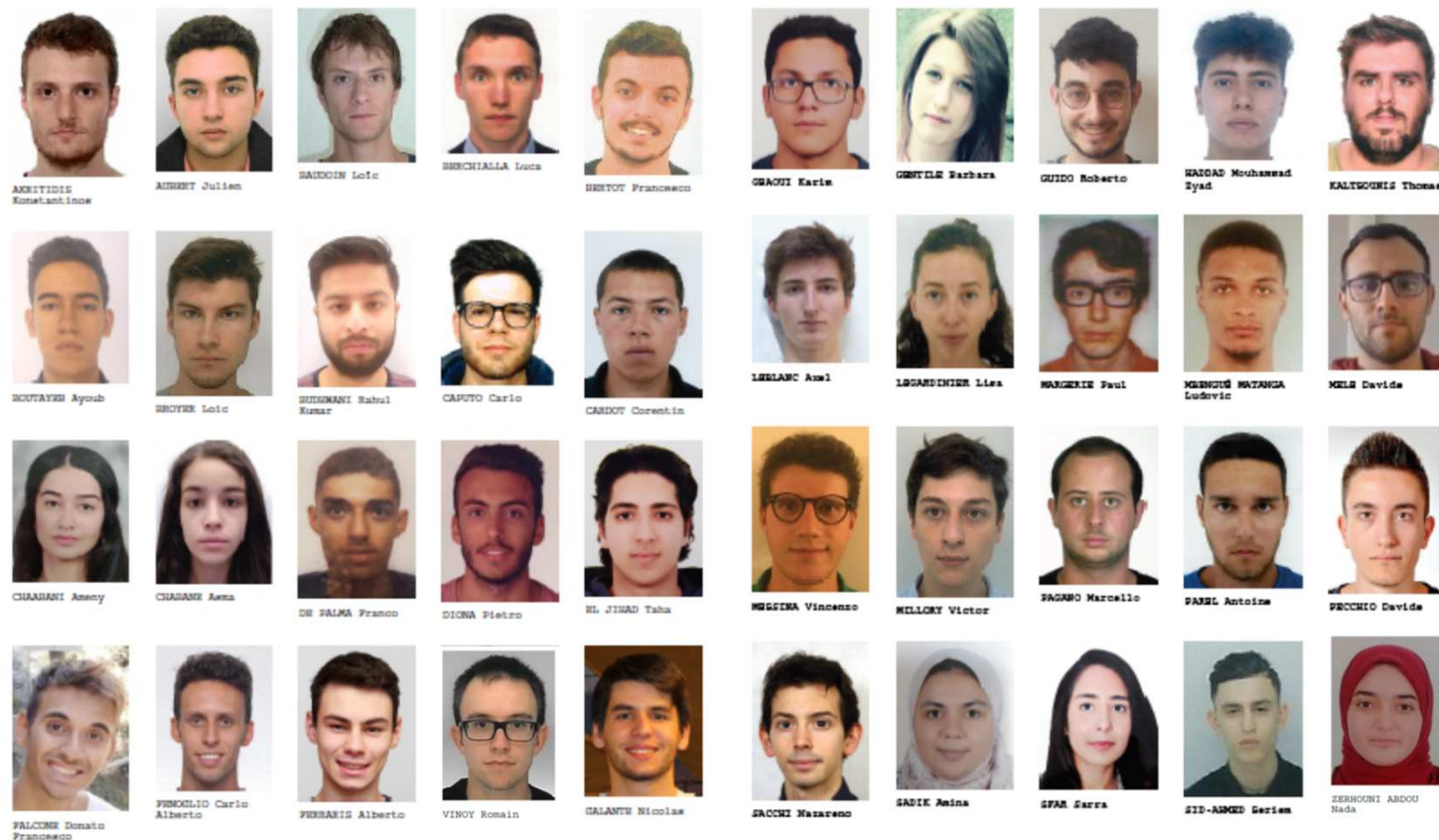
Paula VALIN

Internship
Master thesis

room M427



Nanotech16



French	13
Greek	2
Indian	1
Italian	16
Morocco	5
Swiss	1
Tunisian	2

40 students
7 nationalities

Gender Parity : 7W / 33M

De Prà Alessio (exchange student)

Intranet & webmail
 login+password

Online documents
 login+password

The screenshot shows the website <http://phelma.grenoble-inp.fr/>. A dropdown menu is open under the 'e-Services' icon, listing the following options: Annuaire, Accès Itinéraires, Organisation, Services authentifiés, Webmail (enseignants et administration), Webmail (élèves), Intranet, Portail, Espaces collaboratifs, Chamilo - Cours en ligne, Heliweb, Réfens, and Career Center. Red arrows point from the text labels to the 'Intranet' and 'Chamilo - Cours en ligne' options in the menu.

Items available only on the French page !

Timetable
Emploi du temps

The screenshot shows the Intranet Phelma website interface. At the top, there is a navigation bar with links for 'Intranet Grenoble INP', 'Nos sites', 'e-Services', and 'Déconnexion'. A search bar is also present. Below the navigation bar, a dropdown menu is open, listing various services: 'Zénith', 'ADE - ENSEIGNANTS', 'ADE - ETUDIANTS', 'Career Center', 'Annuaire Grenoble-Savoie', and '... tous les e-Services'. A red arrow points to the 'ADE - ENSEIGNANTS' option. The main content area features a large red banner with the text 'BIENVENUE DANS L'INTRANET DE PHELMA' and a photograph of a modern building. Below the banner, there are sections for 'L'AGENDA' and 'LES DERNIÈRES ACTUS'. At the bottom, a red banner contains the text 'Items available only on the French page !'.

Timetable Emploi du temps

Practical information
<http://phelma.grenoble-inp.fr/>

You are
2ANANO

day
week

	Lundi 01/02/2016	Mardi 02/02/2016	Mercredi 03/02/2016	Jeudi 04/02/2016	Vendredi 05/02/2016
07h30					
08h00		CM Microsysteme II (NANO-54) Phelma-Minatec-R101		CM Advanced microscopy (NANO-54) Phelma-Minatec-R101	CM CAD for microsystems (NANO-54) Phelma-Minatec-R254
08h30			TP1 TP: Micro & Nanosystems (NANO-54) 2A-NANO-A,2A-NANO-B,2A-NANO-C Phelma-Minatec-CINE-Salle Blanche		
09h00					
09h30					
10h00	Reunion: Welcome meeting 2A-NANO-A 2A-NANO-B 2A-NANO-C Phelma-Minatec-R101	CM Microsysteme II (NANO-54) Phelma-Minatec-R101			CTD Magnetic MEMS (NANO-54) Phelma-Minatec-R252
10h30					
11h00					
11h30					
12h00					
12h30					
13h00					
13h30	Reunion: Welcome meeting 2A-NANO-A 2A-NANO-B 2A-NANO-C Phelma-Minatec-R101	CTD Nano for optoelectronic (NANO-54) Phelma-Minatec-R101	TP1 TP: Micro & Nanosystems (NANO-54) 2A-NANO-A,2A-NANO-B,2A-NANO-C Phelma-Minatec-CINE-Salle Blanche		CM Molecular of Bio, DNA and RNA (NANO-54) Phelma-Minatec-R255
14h00					
14h30					
15h00					
15h30					
16h00	CM Microsysteme II (NANO-54) Phelma-Minatec-R101	CM CAD for microsystems (NANO-54) Phelma-Minatec-R101			TD Plasma Lightwave circuit (NANO-54) Phelma-Minatec-R251
16h30					
17h00					
17h30					
18h00					
18h30					
19h00					
19h30					
20h00					
20h30					
21h00					
21h30					

A,M,Z Phelma-Minatec
C Phelma-Campus

Can be transferred
to smartphones

1h30, 2h, 4h,... pay attention and check the room often!

Physics, Applied Physics, Electronics & Materials Science Department

Academic calendar

2nd semester (Spring) January→June

Holydays:

- Winter : 24th - 28th February
- Spring : 20th - 24th April

Days Off:

- Easter Monday : 13 April
- Labor Day : 1st May
- Victory 1945 : 8th May

Labels / Vocabulary

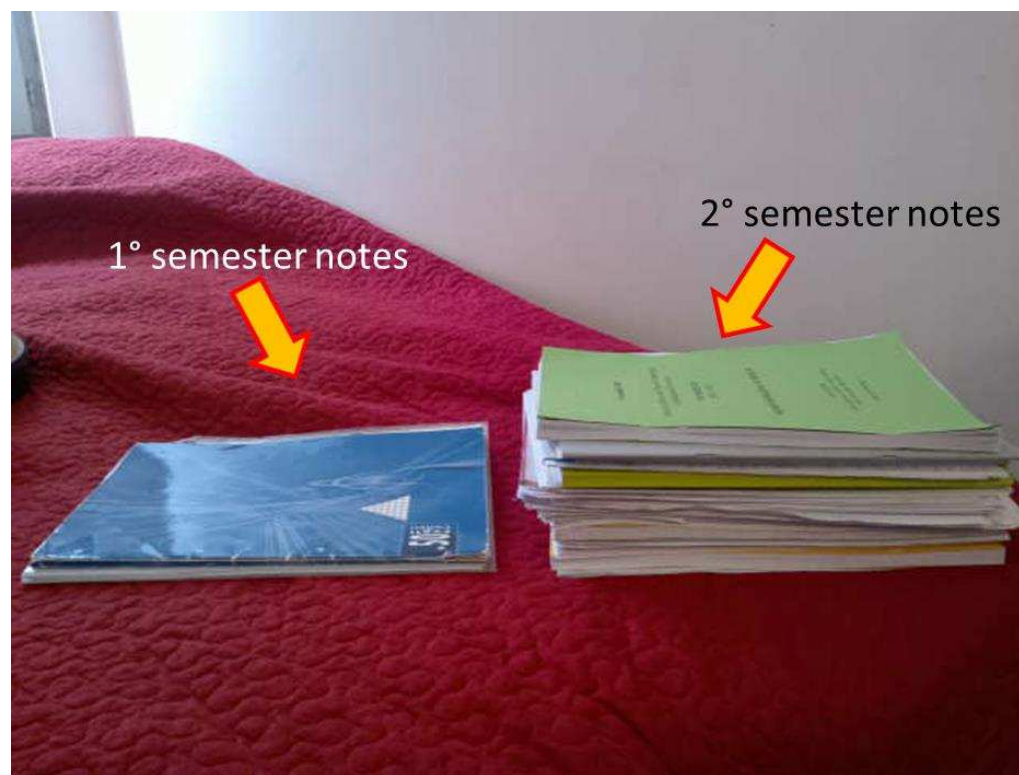
CM→"Cours Magistraux"
normal lectures

TD→"Travaux dirigés"
session of exercises

CTD →"Cours & TD"

TP→"Travaux pratiques"
session of labs

Courses descriptions available :
<https://refens.grenoble-inp.fr/Phelma>



MASTER NANOTECH
 Master's Degree in Micro and Nano Technologies for Integrated Systems

WELCOME ON THE WEBSITE OF MASTER NANOTECH

Microelectronic products, omnipresent in our daily lives, can still undergo even more sophisticated miniaturisation. This miniaturisation is carried out using expertise in micrometric and nanometric technology. The objective of this degree course is to produce engineers with a wide range of knowledge in this discipline, which is overflowing with applications in practically all sectors of the world economy.

CONTACTS

Politecnico Di Torino : **Carlo Ricciardi**

Grenoble INP : **Panagiota Morfouli et Liliana Prejbeanu**

EPF Lausanne : **Giovanni De Micheli**

RECRUITMENT 2020/2021

Each year, 60 students are recruited from students at Grenoble INP, the Politecnico in Turin and from the EPF Lausanne. The degree is also open to students from other universities, admitted according to their qualifications.

DOWNLOAD

- Flyer
- Syllabus
- Placement aboard
- English Certificates
- ISSO
- General presentation
- Labs schedule

NEWS

09/10/2019	Invitation to the Diploma Ceremony	→
12/02/2019	Seminar LETI	→
16/01/2019	Seminar of Ennio Capria (ESRF)	→
23/04/2018	CEA-LETI visit	→
20/03/2018	Master thesis @ IBM Almaden	→
20/03/2018	Melexis conference	→
16/03/2018	CREAB & Aryballe Technologies	→
19/01/2018	Board Meeting	→

Labs schedule

			G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	
Wed	05/02/20	AM	N1	SLD					S1	AK	S1	AK	
Wed	05/02/20	PM	S1	AK	S1	AK	S1	AK	N1	CW			
Thurs	06/02/20	PM	S2	AK	S2	AK	S2	AK	N2	TO			
Wed	12/02/20	AM	T1	DB	T1	JEB	N1	CW	S2	AK	S2	AK	
Wed	12/02/20	PM	T2	DB	T2	JEB	N2	TO	Communication at work				
Thurs	13/02/20	PM	N2	SLD					Communication at work				
Wed	19/02/20	AM	T3	DB	T3	JEB			Communication at work				
Wed	19/02/20	PM	T4	DB	T4	JEB			Project				
Wed	04/03/20	AM	C1	MB	C2	MB	T1	JEB	T1	LM			
Wed	04/03/20	PM	C2	MB	C1	MB	T2	JEB	T2	LM			
Thurs	05/03/20	PM			N1	FM							
Wed	11/03/20	AM	Communication at work						T1	MB	T1	JEB	
Wed	11/03/20	PM	Project						T2	MB	T2	JEB	
Wed	18/03/20	AM	Project				T3	AK	T3	LM			
Wed	18/03/20	PM			N2	TO	T4	AK	T4	LM			
Thurs	19/03/20	PM	Communication at work				N1	FM	Project				
Wed	25/03/20	AM					C1	TK	C2	TK	T3	AK	T3
Wed	25/03/20	PM	Project				C2	TK	C1	TK	T4	AK	T4
Wed	01/04/20	AM	Project				Communication at work				T1	AK	T1
Wed	01/04/20	PM	Project				N2	SLD	Project				
Wed	08/04/20	AM	Project				C1	TK	C2	TK	Project		
Wed	08/04/20	PM	Project				C2	TK	C1	TK	Project		
Wed	29/04/20	AM	Project				N1	CW	T1	AK	T1	JEB	
Wed	29/04/20	PM	Project				N2	JC	T2	AK	T2	JEB	
Wed	06/05/20	AM	Communication at work				Project				T3	MB	T3
Wed	06/05/20	PM					Project				T4	MB	T4
Thurs	07/05/20	AM					Communication at work						
Thurs	07/05/20	PM	Communication at work								C1	TK	C2
Wed	13/05/20	AM									C2	TK	C1
Wed	13/05/20	PM	Communication at work										

MaJ 27/01/2020

Prenom	Nom	Code
Simon	Le Denmat	SLD
Marylin	Bawedin	MB
Davide	Bucci	DB
Clemens	Winkelmann	CW
Anne	Kaminski	AK
Laurent	Montes	LM
JE	Broquin	JEB
Johann	Coraux	JC
Florence	Marchi	FM
Thierry	Ouisse	TO
Theano	Karatsoni	TK

PoliTO	Bloc 1		12	84	6	30		120	
	Physics of Technological Processes	Matteo Cocuzza	6	60					
	Design of Microsystems	Danilo Demarchi	6	24	6	30			
	Bloc 2		12	96		24		120	
	Solid state physics	Giancarlo Cicero	6	51		9			
	Electronic devices	Federica Cappelluti	6	45		15			
	Bloc 3		10	84		16		100	
	Materials and Characterizations for micro and Nanotechnologies	Fabrizio Giorgis	10	84		16			
	Total:		34	264	6	70		340	
Phelma	Bloc1 UE Microtechnologies (mandatory)		6	44	14			58	
	Microsystèmes II	Matteo Cocuzza	2	20					written 1h
	Circuits optiques planaires	Jean-Emmanuel Broquin	2	14	4				written 2h
	Optoelectronique	Jean-Emmanuel Broquin	2	10	10				written 2h
	Bloc 2 UE Microélectronique (mandatory)		6	12	16	32		60	
	Conception de circuits analogiques I	Davide Bucci	2	12	8				written 2h
	Travaux pratiques : Micro et Nanosystèmes	various instructors	4		8	32			written 2h
	Bloc 3 UE Nanophysique et Nanostructures (mandatory)		6	40	24			64	
	Physique des nanostructures et transport électronique	Thierry Ouisee	2,5	22	6				written 3h
	Nanostructures pour les applications optiques et magnétiques	Prejbeanu/Montes	2	10	10				written 2h
	Dispositifs de CMOS Avancés	Quentin Rafhay	1,5	8	8				written 2h
	Bloc 4 UE Cours de spécialisation (mandatory)		6	38	14			52	
	Physique et applications de la microscopie avancée	Sellier/ Winckemann	2	16	4				written 2h
	Lithographie avancée	Bertrand Le Gratiet	2	6	6				written 2h
	Conception de circuits numériques	Lorena Anghel	2	16	4				written 2h
	Bloc 5 UE SHS/SME (mandatory)		6	20	26		20	66	
	Strategy & Finance (in English)	Alexandre Etuy	2	10	10				report
	Projet de groupe Lean R &D	various instructors Pierre Chevrier	3	10	7		20		report presentations MCE
	Projet d'insertion professionnelle	Laurence Pierret	1		16				round table
	UE REX (mandatory only Phelma students)		1		4				
			1		4				round table
	Total:		31	154	98	32	20	300	

Jury 15 juin

Validation (5 modules) each module >10/20

Physics, Applied Physics, Electronics & Materials Science Department

French grading system
scores : 0 and 20 (max)

Phelma's rules concerning the examination

1. 1st session of examination

(February –June 2020)

any absence should be justified by a certificate

2. 2nd session (there one single possibility to pass a failed exam)

(remake exams end of August-beginning of September 2020)

anticipate the end of the internship to be able to attend the remake exams

(the employer should let you attend the exams, mentioned by the placement agreement)

Complementary information

**If the 1st and 2nd semesters are both of them not validated before de
starting date of the EPFL semester (15 September 2020)
you must start again the semester in Italy.**

ATTENTION: plagiarism / cheating (exams, reports,...)
e.g. 0/20 for the fake exam
disciplinary Board of Grenoble INP

Calculatrices autorisées aux examens PHELMA

MAJ : 23/09/2019

- L'autorisation des calculatrices à un examen est spécifiée par les responsables du cours.

Lorsque les calculettes sont autorisées, seules les calculatrices « agréées Phelma » (ne permettant pas le chargement de fichiers et ne disposant pas de communication sans fil) sont autorisées. Les calculettes doivent avoir l'étiquette « d'homologation Phelma » le jour de l'examen. Les calculettes sans étiquette ne sont pas autorisées à l'épreuve.

- La possession d'une calculatrice non autorisée ou l'utilisation d'une étiquette falsifiée sont considérés comme un document non autorisé.

Ceci qui est sanctionné par un conseil de discipline.

Liste des calculatrices autorisées

Marque	Modèle
Toutes	Collège
Casio	FX-100
Casio	FX-115
Casio	FX-300
Casio	FX-350
Casio	FX-570
Casio	FX-82; 82-solar; 82ES+
Casio	FX-83
Casio	FX-85
Casio	FX-92
Casio	FX-9860 GII
Casio	FX-991 Es plus
Casio	Graph 100+
Casio	Graph 25 ; 25+ ; 25+E
Casio	Graph 35 ; 35+;35+E
Casio	Graph 65
Casio	Graph 75;75 +;75+E
Casio	Graph 85
Casio	Graph 95

Marque	Modèle
TI	TI-30
TI	TI-30XB
TI	TI-36X pro
TI	TI-82
TI	TI-82+
TI	TI-83
TI	TI-83 Premium CE
TI	TI-83+
TI	TI-84
TI	TI-84+

Marque	Modèle
Numworks	Numworks
Sharp	EL-531
Sharp	EL-W506 WRITEVIEW
Sharp	EL-520
HP	HP-300+



Calculatrices Interdites
TI 89 (tout modèle)
TI-Nspire (tout modèle)
HP Prime graphing calculator

Plagiarism

According to the Merriam-Webster online dictionary, to "plagiarize" means:

- ☐ to steal and pass off (the ideas or words of another) as one's own
- ☐ to use (another's production) without crediting the source
- ☐ to commit literary theft
- ☐ to present as new and original an idea or product derived from an existing source

In other words, **plagiarism is an act of fraud.**

It involves both stealing someone else's work and lying about it afterward.

French laws

- **plagiarism is a crime that can be punished up to 2 years of imprisonment and 50keuros fine**

French Education law

Disciplinary Committee of Grenoble INP

- **from 1 to 2 years of exclusion from the School (even any French School)**

Web of Science [v.5.0] x | 16 Google Calendar - W x | INTRANET PHELMA x | ADE - Grenoble INP x | 16 Google Calendar - W x | Master Nanotech - A x | +

→ ↻ ⓘ Non sécurisé | intranet.phelma.grenoble-inp.fr/2e-annee/nanotech-micro-and-nanotechnologies-for-integrated-systems--975556.kjsp?RH=INPH_FOR... [?] [?]

Intranet Grenoble INP | Nos sites v | e-Services v | Déconnexion

Rechercher... [?]

Etudes

Aides financières

1re année

2e année

3e année

Apprentissage


Masters

Espace ENSEIGNANTS

Contribuer

Type : Page libre

Code : 1536755250259



🏠 > Etudes > 2e année

Nanotech (Micro and nanotechnologies for integrated systems)

Documents à télécharger

- ▶ Accord de formation conjointe entre l'EPFL et Grenoble INP
- ▶ Règlements de scolarité Nanotech et Phelma
- ▶ Planning des TP Nanotech

Regulation documents

Conditions to have the Phelma engineering degree



Registration
each year in
each
university!

1) Validation of 1st, 2nd and 3rd semester

2) Internship of 1st year

minimum 10 weeks/ June-August 2020

provide a report

4 ECTS

the coordination is done by Phelma for all the students (contact Paula Valin)

3) Master thesis of 2nd year

minimum 20 weeks/ February-August 2021

provide a report + defense

26 ECTS

the coordination is done by the main registration institution of each student

4) Validation of B2 level in English + “soft skill”

Few pages report on the international experience

Conversion scale used by Phelma

(voted by the Grenoble InP Conseil)

1st semester

Polito (0-30L)	Phelma (0-20)
30L	17
30	16.5
29	16
28	15.5
27	15
26	14.5
25	14
24	13.5
23	13
22	12.5
21	12
20	11.5
19	11
18	10.5
15	10

Master thesis

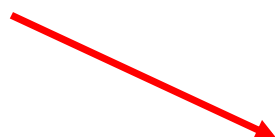
Polito (0-8)	Phelma (0-20)
8	17
7,5	16
7	15
6,5	14
6	13
5,5	12

3rd semester

EPFL (0-6)	Phelma (0-20)
6	18.
5.5	16.
5.	14.
4.5	13.
4./3.75	12.
3.5	10.
3.	8.
2.5	6.
2.	4.
1.5	2.
1.	0.

European habilitation of the Nanotech degree

2012-2021



Information for internships

Administrative point contact: paula.valin@grenoble-inp.fr

Office : room M 427 (4th floor Minatec)

- In charge with all things concerning the internship (**for all of you**) and master thesis (**only for Phelma main registration students**) : agreement, report, defense,...
- The description of the subject is **mandatory (pdf to upload) on the e-stages**
- The French labs can not be « **établissement d'accueil** ». You should indicate the name of the institution paying the salary. Ask carefully the administrative contact from the lab.
- For efficiency, the foreign students are kindly invited to go to sign the agreement accompanied by a French colleague (please help each other!)
- You will have soon emails for starting the internship procedure.

About EXPLORA Scholarship

The international Phelma students :

need to open a French bank-account to receive the EXPLORA scholarship (compulsory)

- for the application form or EXPLORA scholarship all the documents must be in French (ask help from the French colleagues)

EVENTS announcement

SUSTAINABLE MICROELECTRONICS

31 January: 8h30

17 February 13h00

Thomas ERNST
Scientific Director LETI
About the **LETI** activities
Visit of the Showroom



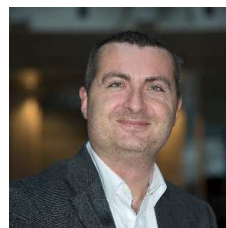
6 March 13h30
Seminar Melexis

6 (14) April 16h00
Visit of ST Microelectronics Grenoble



16 March 15h45
Seminar ST Micro
"Imaging applications"

15 May One day visit ESRF
Dr. Ennio Capria
About the **ESRF** activities



Please bring your
ID /Passport (mandatory for the entrance)

Very important event

Last day of school in May

Nanotech Barbecue...
Organized by the students with
the professors participation ...



Team spirit Facebook
Nanotech Alumni
LinkedIn Master Nanotech