



Polytech Nice Sophia



Rentrée officielle de
Polytech Nice Sophia



Ecole Polytechnique Universitaire de

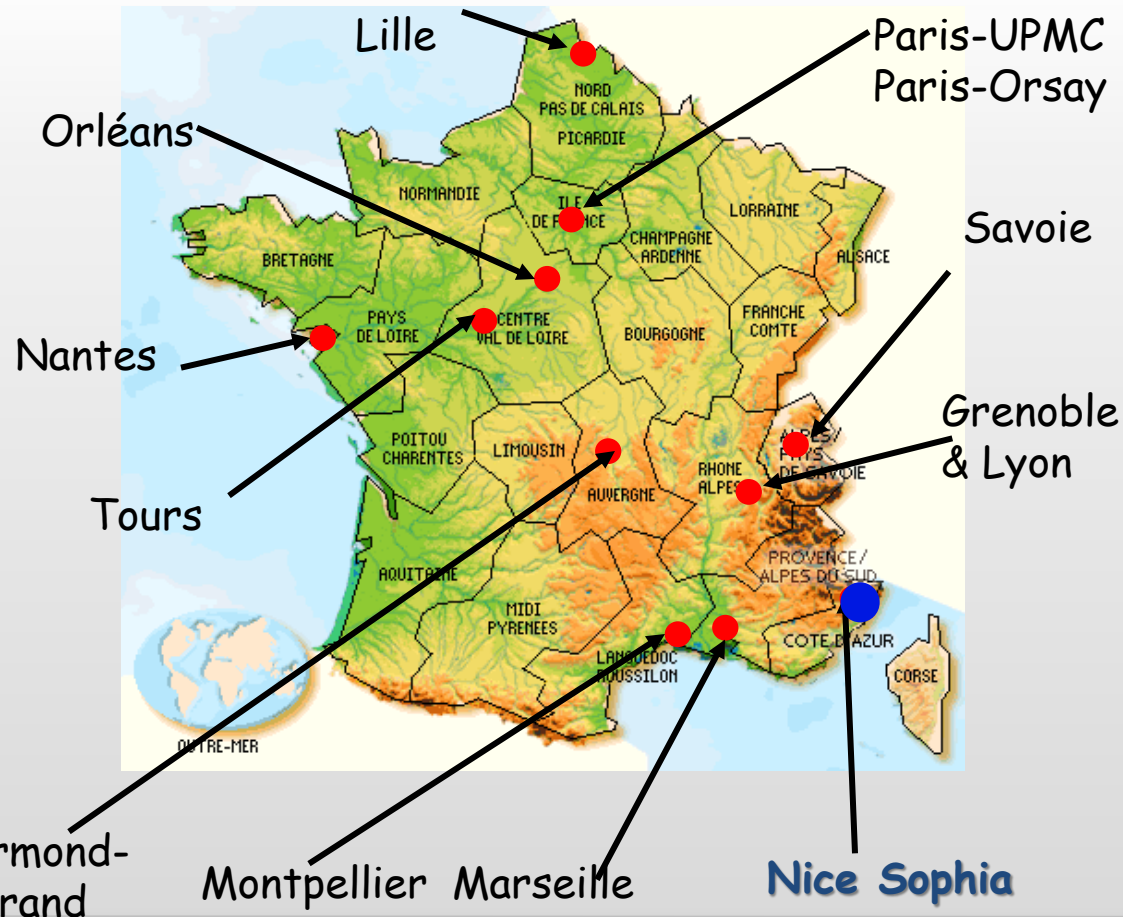


Polytech: A national network of graduate schools of engineering within France's leading scientific universities



Réunies, les écoles d'ingénieurs du Réseau Polytech représentent :

- 13 écoles d'ingénieurs polytechniques des universités
- 50 spécialités d'ingénieur offertes (formation initiale, par apprentissage, continue par alternance) dans 5 grands domaines scientifiques
- 9 400 élèves dont 8 500 en cycle ingénieur et 900 en PeiP
- 36 000 ingénieurs en activité
- 1 100 stages ou séjours d'études à l'étranger par an
- 900 doctorants
- 80 laboratoires de recherche associés aux écoles



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Located in the heart of Sophia Antipolis





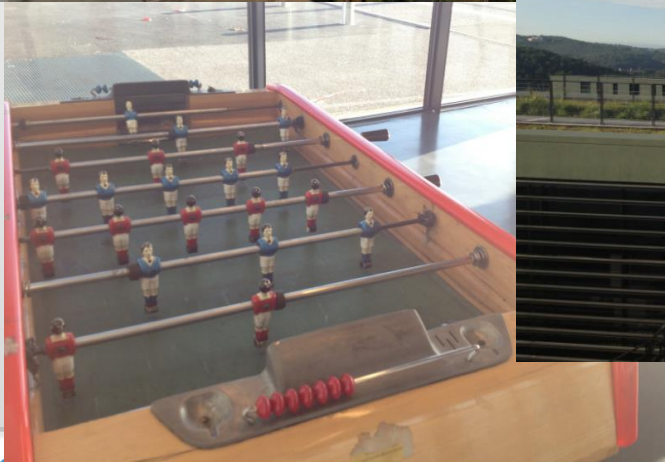
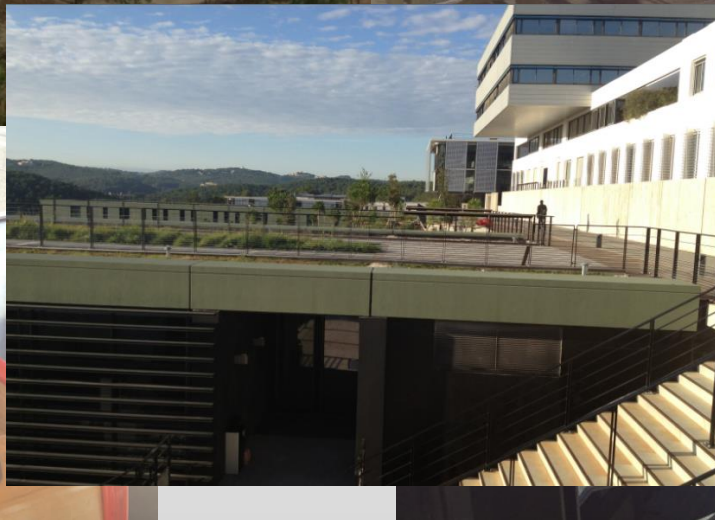
New campus !!!!!!!!!!!



- Two buildings: 12.419 m² SHON, 4171 m² for education (welcom a part of recherche group – with labos)
- Good conditions for welcoming students
- New campus in Sept. 2012



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Technopark Sophia-Antipolis

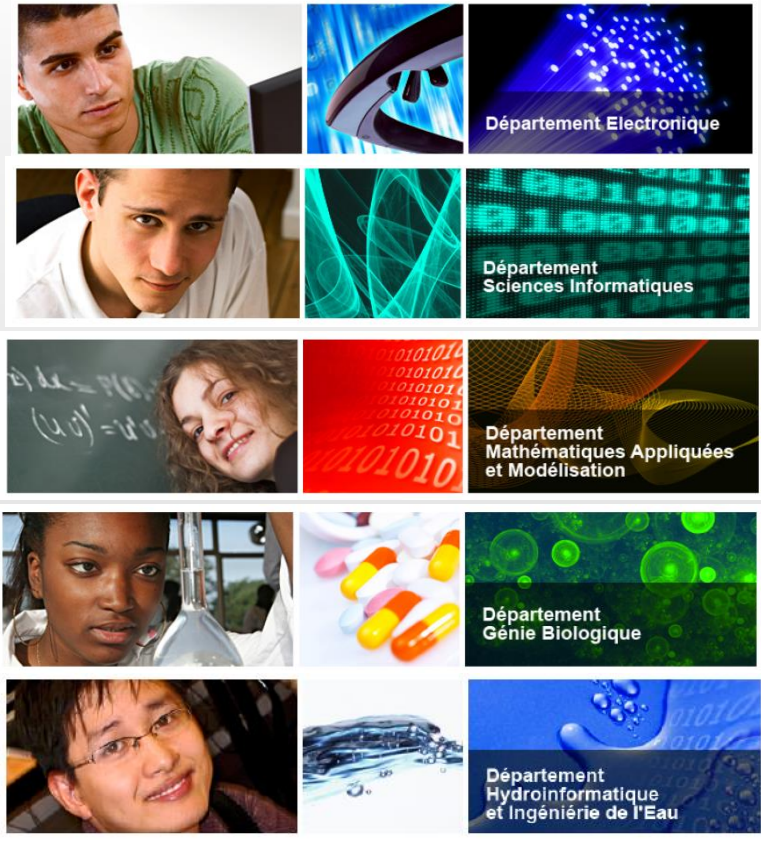
- The first of its kind in Europe
 - 3000 companies (900 headquarters R&D)
 - 30000 employees
 - 30 public research labs
- Acting in the domains of:
 - information technology (43%)
 - life/ health science (10%)
 - environment science (1%)
 - higher education and research (11%)
- Dynamic social and cultural life





Advanced Education & Research in six domains:

- Electronics
- Computer Sciences
- Applied Mathematics & Modeling
- Bio Technology & Bioinformatics
- Hydroinformatics & Water Management
- Smart buildings





Specialties: a common architecture



Teaching Basic : 14% (300h)

Teaching Specialty : 68% (1600h)

Teaching SHES: 9% (300h)

Teaching langue: 9% (200h)

TOEIC (750)

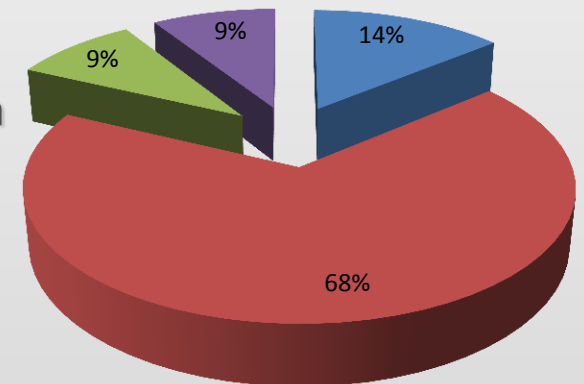
supervised projects(3 years): 16% of the curriculum

Work on skills

European architecture, semester structure

Supplement of Diploma (Polytech) since 2007

■ Fondamentaux ■ Spécialité ■ SHES ■ Langues





- Degree Programs offered as:
 - Initial Cycle (2 years)
 - Engineer Cycle (3 years - 3 internship with companies)
 - Masters - MSc (2 years – 1 internship with company)
- 1200 students in total:
 - 930 Engineers students / 270 International Masters
- 105 staff + visiting scholars
- 186 professors / researchers involved in the formation
- 7 laboratories recognized partners and 120 PhD
- **350 professionals as guest lecturers**





Achievements in 15 Years

- **95 %** students found jobs within **3 months** after graduation
- Average French annual salary: **36 K€**
- **7 associated research labs:**
4 300 K€ contracts
- **Corporate funding:**
700 K€ per year
- **Growing demand**
- **Continuous education**





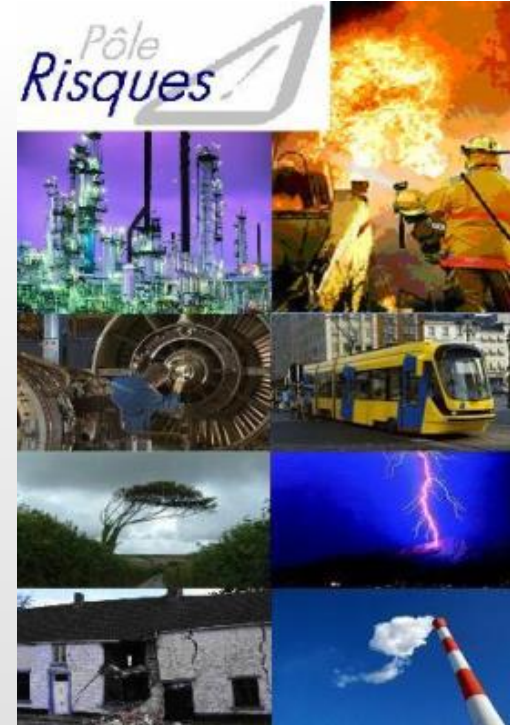
Innovation-driven Research

- 7 associated labs with national recognition:
 - **CNRS** (National Center for Scientific Research)
 - I3S - Informatique Signaux et Systèmes
 - LEAT – Electronique Antennes Télécommunications
 - Laboratoire de Mathématiques Jean Dieudonné
 - IPMC – Institut de Pharmacologie Molléculaire et Cellulaire
 - Centre de Biochimie
 - **INRA** (National Institute for Agricultural Research)
 - Centre Agro biotech de Sophia Antipolis
 - **INRIA** (National Insitute for Research in Computer Science & Control)
 - Research Unit Sophia Antipolis



Innovation-driven Research

- 6 Competitiveness Clusters
 - SCS – Communication and Security
 - PASS – Perfumes, fragrances, scents
 - Sea
 - Risks
 - Pegase
 - CapEnergy

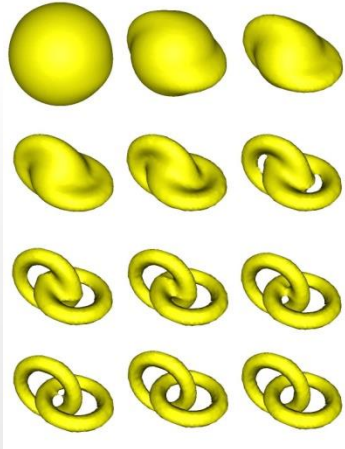


Pôle de Compétitivité
P.A.S.S.
Parfums Arômes Senteurs Saveurs



Le futur plus sûr

Project-based Research & Training



- Compulsory for all students every year (weeks to 6 months)
- Multi-disciplinary approach
- Topics provided jointly with industry and research institutes





Close Ties with Industries & Clusters

- Practice-focused school curriculum
- 20% teaching delivered by industrial partners
- School Boards headed by leading industrialists
- Compulsory internships in industry, fully integrated in the study programs
- Close partnerships with domestic & foreign enterprises





hp
invent
Schneider Electric
CISCO SYSTEMS
ST
intel
PHILIPS
NXP
THOMSON
NewLogic
Infineon technologies
orange™
TEXAS INSTRUMENTS
IBM
Microsoft®
amaDEUS
AIR FRANCE
france telecom
PRO BTP
ALCATEL SPACE
THALES
accenture
SAP
ETSI
W3C WORLD WIDE WEB consortium®
ALLEN
SYNOPSYS®
Atos Origin
Capgemini
FONDATION SOPHIA ANTIPOLIS
TREMIA
WALLSTREET



Cerep





- Promotion of entrepreneurship in technology and innovation
- Challenge of Business Plans
- Evaluated by professionals
- Initiated together by business and engineering schools:



<http://www.jeunespousses.com/>



Winner 2007 and 2008: Polytech / EDHEC team & Polytech/Ceram



Sophia Forum: first "job fair" in PACA region

<http://www.sophiaforum.org>





Les entreprises présentes :



Sophia tech Forum
Forum Stages et Emplois
de Polytech Nice Sophia



Judi 7 novembre 2013
9h30 - 18h00
Polytech Nice Sophia



Living in Sophia-Antipolis

Activities & organizations:

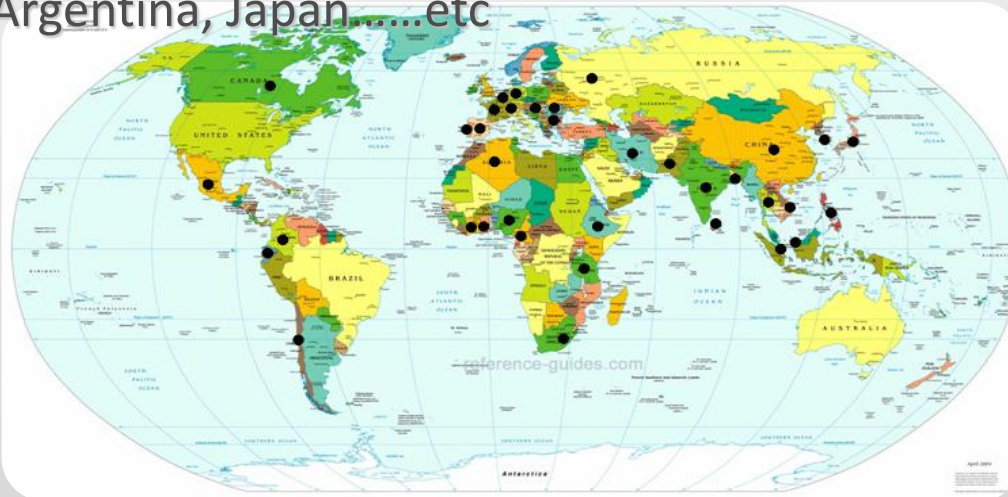
- Clubs: BDE, BDS, Sophia Team, Gala, Sophia Forum, Polyterre
- Junior Enterprise (Junior Company)
- Sport competition as get-together with students, researchers & companies





International Orientation

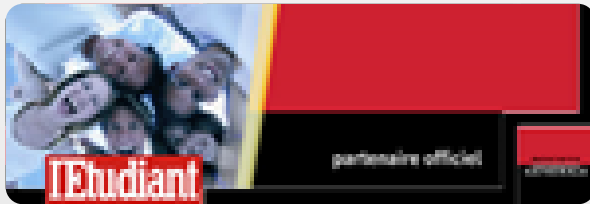
- Worldwide academic & industrial partnerships for education & research
- 33 % of our students are foreigners & from 60 nationalities
- Exchange & mobility for study and internship: ERASMUS (in EU) & CREPUQ (Canada) & additional framework
- 35 % students study abroad during their final year
- Bilateral cooperation with USA, Canada, Russia, China, Korea, Singapore, Argentina, Japan.....etc





International Orientation

- Polytech Nice Sophia received in 2010 the Grand Prix de l'International for all engineering schools in France awarded by L'Etudiant & Société Générale.

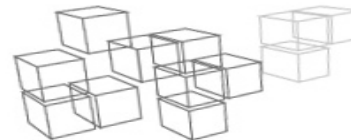


- Polytech Nice Sophia received in 2011 the International Award for the best international activity for all Engineering schools.





www.polytech.unice.fr



■ FUTURS ELÈVES

■ ELÈVES

■ COLLABORATEURS

■ ENTREPRISES, R&D

Les diplômes d'Ingénieur
Les différents Masters


Formations

- Cycle Initial
- Electronique
- Sciences Informatiques
- Mathématiques Appliquées et Modélisation
- Génie Biologique
- Génie de l'Eau / Hydroinformatique &

Classement des écoles d'ingénieurs : notre école parmi les 20 meilleures

Le palmarès 2013 des écoles d'ingénieurs après bac, d'après l'Etudiant et l'Express, vient de sortir : Polytech Nice-Sophia parmi les 20 meilleures écoles !
> L'école dans le palmarès l'Etudiant
> Le palmarès 2013 complet

letudiant.fr L'EXPRESS

 Actualité

Polytech Nice Sophia - News: 17/11: Train de l'Orientalion

Le Train de l'Orientalion sera en gare de Nice le dimanche 17 novembre 2013 de 9h30 à 17h30. (Entrée gratuite)Gare SNCF Voie A, Avenue Thiers, 06000 NiceRetrouvez Polytech Nice-Sophia à la Voiture ☞

Polytech Nice Sophia - News: 16/11: Carrefour des métiers Post-Bac

Polytech Nice-Sophia sera présent au Carrefour des métiers Post-Bac, ce

 ?

Polytech Nice Sophia

- L'Ecole
- L'admission et le recrutement
- Notre actualité
- Nous contacter
- Venir et nous trouver
- International
- Le cadre de vie
- Les réseaux sociaux



<http://electronique.polytechnice.fr/>

Liste des enseignements

Élec3, semestre 5

1. Électronique 1 (EP3EUE1)
 - Harmonisation (EP3E591, 48h C, 16h TD)
 - Harmonisation électronique analogique, *Christian Peter*
 - Harmonisation électronique numérique, *Éric Dekneuveil*
 - Harmonisation info, *Vincent Granet*
 - Électronique analogique 1 (EP3E511, 20h C, 20h TD), *Robert Staraj*
 - Automatique (EP3E521, 20h C, 20h TD), *Éric Thierry*
2. Numérique et Info 1 (EP3EUE2)
 - Électronique numérique (EP3E541, 16h C, 16h TD), *Éric Dekneuveil*
 - Systèmes à microprocesseurs (EP3E542, 17h C, 14h TD), *Sébastien Bilavarn*
 - Langage C (EP3E523, 23h TD), *Vincent Granet*
 - Traitement numérique du signal 1 (EP3E522, 20h C, 20h TD), *Thierry Pitarque*
3. Physique et Statistique 1 (EP3EUE3)
 - Physique des semi-conducteurs (EP3E561, 22h C, 22h TD), *Philippe Lorenzini*
 - Statistique (EP3E551, 22h C, 22h TD), *Luc Deneire*
4. SHESL1 (EP3EUE4)
 - Communication (EP3E571, 14h TD), *Claude Galan*
 - Anglais 1 (EP3E581, 24h TD), *Sébastien Goodchild*

Élec3, semestre 6

1. Électronique 2 (EP3EUE5)

[Polytech Nice-Sophia](#)
[Université Nice-Sophia](#)



International Masters

- MSc Erasmus Mundus “EuroAquae” in Hydroinformatics & Water management (DE) (HU) (ES) (UK)
- MSc “IMAMIS” in Applied Mathematics & Information Science (Philippines) (Vietnam) (Malaysia)
- MSc Erasmus Mundus “MathMods” in Mathematical Modeling in Engineering, Theory, Numerics & Applications (IT) (BE)
- Master “IMAFA” in Computer Science & Mathematics Applied to Finance (IT)

Masters

- Informatique: Fondements et Ingénierie (IFI) 10 parcours (Ap. & Alt.)
- Informatique et Mathématiques Appliquées à la Finance et l'Assurance (IMAFA)
- Management de Projets Innovants (MAPI) 2 parcours
- Gestion de projets hydrotechnologues – Hydroprotech
- Hydroinformatics & water management – EuroAquae (master conjoint – Erasmus Mundus)
- Administration des Entreprises (MAE) en partenariat avec l'IAE (double cursus)
- Master of Engineering Science in Electronics

The Future Campus STIC



Research

Library

Eurecom

Polytech'Nice-Sophia

Sport facilities



Présentation du Campus STIC



Architecte : J.M Wilnotte

Région



Provence-Alpes-Côte d'Azur



CONSEIL GENERAL DES ALPES-MARITIMES
L'ÉNERGIE AU CŒUR DU DÉPARTEMENT

