



Université  
Fédérale  
Toulouse  
Midi-Pyrénées

DOCTORAL PROGRAMME

MITT

**MATHEMATICS, INFORMATICS  
AND TELECOMMUNICATIONS**



SCIENCE  
AND TECHNOLOGY

[www.univ-toulouse.fr/PhD](http://www.univ-toulouse.fr/PhD)

## SCIENTIFIC DOMAINS

- Algebra
- Analysis
- Geometry
- Probability
- Statistics
- Scientific computing
- Partial differential Equations
- Image Analysis and Synthesis
- Indexing and Information search
- Interaction
- Autonomy
- Dialogue and Cooperation
- Reasoning and Decision
- Modelling
- Algorithms and High Performance Computing
- Architecture
- Systems and Networks
- Safety of Software Development
- Signal Processing

## KEY FIGURES



**433**  
PhD CANDIDATES  
(40% FOREIGN STUDENTS)



**105** PhD  
GRANTED PER YEAR



**12**  
RESEARCH LABORATORIES



[www.univ-toulouse.fr](http://www.univ-toulouse.fr)

## RESEARCH LABORATORIES

### CERFACS

European Center for Advanced Research and Training in Scientific Computing  
<http://cerfacs.fr>

### IMT

Toulouse Institute of Mathematics  
[www.math.univ-toulouse.fr](http://www.math.univ-toulouse.fr)

### INSERM

Epidemiology and public health analysis  
[www.u1027.inserm.fr](http://www.u1027.inserm.fr)

### IRAP

Institute of Astrophysics and Planetology Research  
[www.irap.omp.eu](http://www.irap.omp.eu)

### IRIT

Toulouse Institute of Computer Science  
[www.irit.fr](http://www.irit.fr)

### ITAV

Institute of Advanced Technologies in Life Sciences  
[www.itav-recherche.fr/index.php/fr](http://www.itav-recherche.fr/index.php/fr)

### LAAS

Lab. for Analysis and Architecture of Systems  
[www.laas.fr/public](http://www.laas.fr/public)

### ENAC

Research laboratories  
[www.enac.fr](http://www.enac.fr)

### MIAT-INRA

Toulouse Unit of Applied Mathematics and Computer Science  
<https://mia.toulouse.inra.fr/Accueil>

### MOIS-ISAE

System Design and Engineering  
[www.isae-sup Aero.fr/fr/recherche/presentation/les-ecoles-doctorales-16](http://www.isae-sup Aero.fr/fr/recherche/presentation/les-ecoles-doctorales-16)

### SCAN

Signal, Communication, Antennas, Navigation  
[www.isae-sup Aero.fr/fr/recherche/politiquescientifique/fr/recherche/departements/electronique-optronique-signal/deos](http://www.isae-sup Aero.fr/fr/recherche/politiquescientifique/fr/recherche/departements/electronique-optronique-signal/deos)

### TSE-R

<https://www.tse-fr.eu/fr/umr-tse-r>

## MORE INFORMATION?

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