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Pré-GDR Sécurité
Informatique



CNRS Key-Figures



- **National Research Center** (headquarter in Paris).
- **33 000** employees.
- **1025** laboratories.
- **21** Nobel Prize laureates, **12** Fields Medal laureates.

GDR: Research Groupment

- **GDR** is a (scientific) networking tool provided by CNRS.
- Virtual research structure (no dedicated building) that focuses on a given topic (e.g., computer security or artificial intelligence).
- Currently: **183** GDRs in France.
- Collaborative structure: **any researcher** can participate, not only CNRS-affiliated ones.
- No exclusivity: a researcher can belong to several GDRs.
- Animate and coordinate the French scientific community: meetings, workshops, etc.



GDR Computer Security



- **Director:** Gildas Avoine, INSA Rennes, IRISA.
- **Vice-Director:** Marc-Olivier Killijian, CNRS, LAAS, Toulouse.
- Created in January 2016
- <http://gdr-securite.irisa.fr>

Objectives



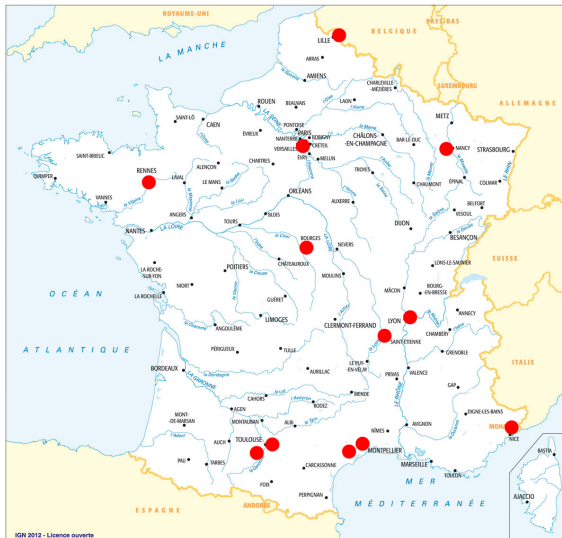
- GDR: for researchers, by researchers.
- Defrag the communities.
- Make some communities more visible.

Working Groups

- **Coding and cryptography**
Leader: Damien Vergnaud
- **Software security**
Leaders: Aurélien Francillon and Jean-Yves Marion
- **Hardware security**
Leaders: Marie-Lise Flottes and Lilian Bossuet
- **Network and infrastructure security**
Leader: Carlos Aguilar
- **Privacy**
Leaders: Daniel Le Métayer and Benjamin Nguyen
- **Security and multimedia data**
Leaders: Patrick Bas and William Puech



WG Leaders' Locations



Main Events of the GDR Security

- **Training School in Cybersecurity**
July 4-8, 2016
- **Boot Camp** Industrials-PhD Students in cybersecurity
October 24-28, 2016
- **Society-oriented** Colloquium
December 8-9, 2016
- **National Days** of the GDR Security, 2017



Training School for Young Researchers



- Train PhD students and PostDocs already involved in computer security.
- **One-week** event. The location changes.
- Covers any security topic.
- Registration fees are low.

REDOCS

- **Boot camp** between professionals and PhD Students.
- Last-year PhD students are targeted.
- Make students collaborating, discovering off-road topics,....
- Access to students who will be soon on the **job market**.



Society-oriented Colloquium

- Top-level researchers were challenged with security questions.
- A **book** is likely to be published in 2018.



GDR's National Days



- Three-day event where all the communities meet together.
- **PhD students** and **Postdocs** are put forward.
- Collaboration are launched.
- ...

Working Groups' Events



- Each Working Group organizes events.
- Eg. 1-week event in cryptography every 18 months.
- Eg. 1-day event in “security and multimedia” every 4 months.

Promotion and Communication



- Website
- Official mailing list (about 700 registered members)
- Open Forum
- Label