

2018: First French GNU Radio Days

Objective: address the lack of GNU Radio specific meeting in Europe (v.s SDR track at FOSDEM or CCC)

French
GNU Radio
Days 2018

First French GNU Radio Days held in
Lyon (France) July 2nd and 3rd 2018

Website (videos & slides + abstracts)
gnuradio-fr-18.sciencesconf.org/

- **30 participants** despite the late communication, 1 day of oral presentations/demonstrations, 1 day of tutorials
- All talks were recorded and available on the GNU Radio **Youtube** channel & www.youtube.com/channel/UCFzddPoztcHLuwFWRPJTNRQ
- Strong emphasis on **practical results and demonstrations**.
- Successful tutorial **laboratory sessions**¹ (introductory signal processing with GNU Radio Companion, presentation of the Cortex Lab platform, tags and writing custom blocks).

¹J.-M Friedt, *Quelques éléments de traitement de signaux échantillonnés en temps discret avec GNU Radio Companion*, GNU/Linux Magazine France (Nov. 2018), translated at jmfriedt.free.fr/tutorial_jmfriedt_glmf_eng.pdf

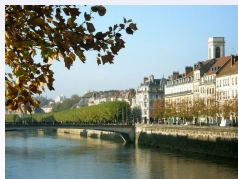
2019: Second French GNU Radio Days

Aim: open to a broader European audience

Secured facilities at ENSMM¹ in Besançon, France (2.5 hour high-speed train trip from Paris or Lyon)

150 seat room for presentations June 17th 2019

2 rooms for lab sessions June 18th 2019



¹ Mechanics and Micro-Engineering School

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Submissions open at gnuradio-fr-19.sciencesconf.org/

Objectives: bring together GNU Radio users, coming from a scientific, technical, amateur or hacker background

Foster interaction between **GNU Radio users**

Share knowledge about GNU Radio development through tutorials, seminars & demos

Bridge the gap between technical/engineering & scientific/research points of view on topics researched with GNU Radio, including



17-18 June 2019, Besançon, France

June 17: oral presentations

June 18: tutorials/labs

- SDR, RF design,
- RADAR (passive/active)
- Signal processing in embedded systems,
- GNU Radio dev. environment,
- New platforms
- Front-end analog characterization
- Identification and decoding of signals, including satellites
- Security of radiocommunications
- Coupling GNURadio to SocFPGA
- physical measurements (GNSS, radioastronomy)
- ... your own favorite field here