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French GNU Radio Day 2018 à LYON J1/2

- Agenda -

Date de mise en ligne : mercredi 25 avril 2018

Date de parution : 2 juillet 2018

It is our pleasure to announce the first meeting centered around the GNU Radio framework held in France (Lyon). This workshop targets French and European GNU Radio users and developers. Contributions are sought in French or (preferably) English.

The workshop will take place on the 2nd and 3rd of July, 2018, at the INSA Lyon facilities, Lyon - France.

GNU Radio is an increasingly popular framework for Software Defined Radio components and Digital Signal Processing prototyping. As such our goals are as follows :

Bring together active French and European 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 and demos
 Bridge the gap between technical/engineering and scientific/research points of view on topics related to applied research with GNU Radio. Such topics include :

- Software Defined Radio, radio prototyping,
- RF design,
- RADAR design
- Signal processing in embedded systems,
- GNU Radio development environment,
- New platforms

Contributions might for instance address the following topics (but not limited to) :

- Cognitive Radio, Digital Communication and Agile Spectrum Sharing
- RADAR systems and specifically passive radar
- Front-end analog characterization
- Design of Signal Processing algorithms as GNU Radio blocks
- Identification and decoding of signals, including satellite communication systems
- Security aspects of Radiocommunications
- Coupling GNU Radio to Soc FPGA
- Various physical measurements (GNSS, Radioastronomy)
- ... your own favorite field here

GNU Radio users and developers are invited to present their experiments and activities. The first day (2nd of July) will be devoted to oral presentations, posters and demonstrations. The second day (3rd of July) will be dedicated to tutorials and hands-on sessions.

Contributions will be selected according to :

Originality

- Quality of the experimental process
- Reproducibility of the experiments and learning potential for other users
- A live demonstration or video is highly appreciated

Submissions of contributions :

One to two page extended abstract (PDF format), describing the contribution itself and the desired presentation format (oral, poster and/or demo) following this template.

Deadline : May 20, 2018

Submission through the "submit" link on the sidebar