FOSDEM 2017

Software Defined Radio Devroom

SDR Devroom

- Organizers
  - Phil Balister, Martin Braun, Sylvain Munaut
- http://gnuradio.org/redmine/projects/gnuradio/wiki/FOSDEM
- 4th Iteration, still going strong!
- Reminder FOSDEM Rules!

Schedule (still packed)

Event	Speakers	Start	End
Saturday			
Intro to the Software Defined Radio Track	Philip Balister, Martin Braun, Sylvain Munaut	10:30	10:40
DARPA's Hackfest Review	Tom Rondeau	10:40	11:00
GNU Radio Project Intro & Update *manipulating one of the four fundamental forces of the universe*	Ben Hilburn	11:00	11:30
SDR, Ham Radio and the Debian Hams project *Turn-key solutions for hams using Debian packages*	Daniel Pocock	11:30	12:00
From 0 to 6 GHz in 30 minutes: Bootstrapping your SDR experience *Start from scratch today, hack the EM spectrum tomorrow!*	Marcus Müller	12:00	12:30
SDR Panel: Which are the top 3 challenges for free software radio? *An interactive session. Let's talk about SDR!*	Martin Braun	12:30	13:30
Understanding JESD204B *High-speed inter-device data transfers for SDR*	Lars-Peter Clausen	13:30	14:00
FPGAs in SDR -- Why, when, and how to use them (with RFNoC) *Taming digital hardware for software radio*	Martin Braun	14:00	14:45
GPU-Enabled Polyphase Filterbanks *Everyday I'm Shuffling*	Jan Kraemer	14:45	15:15
Receiving Wireless Mobile Traffic Lights	Bastian Bloessl	15:15	15:45
AMENDMENT Networked-Signal Processing in OAI	Raymond Knopp	15:45	16:15
Overview of gr-inspector *A Signal Analysis Toolbox for GNU Radio*	Sebastian Müller	16:15	16:35
AMENDMENT SatNOGS *An SDR-based Satellite Networked Open Ground Station*	Manolis Surligas	16:45	17:15
Tensor Processing and Machine Learning for Signal Processing *Functional Algorithm Definition and Concurrent Automation*	Tim O'Shea	17:15	17:45
Virtual multi-antenna arrays for estimating the bearing of radio transmitters	Francois Quitin	17:45	18:15
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OMG it's sooo full!

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Intro Talks

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Apps, Hacks, and Telecoms

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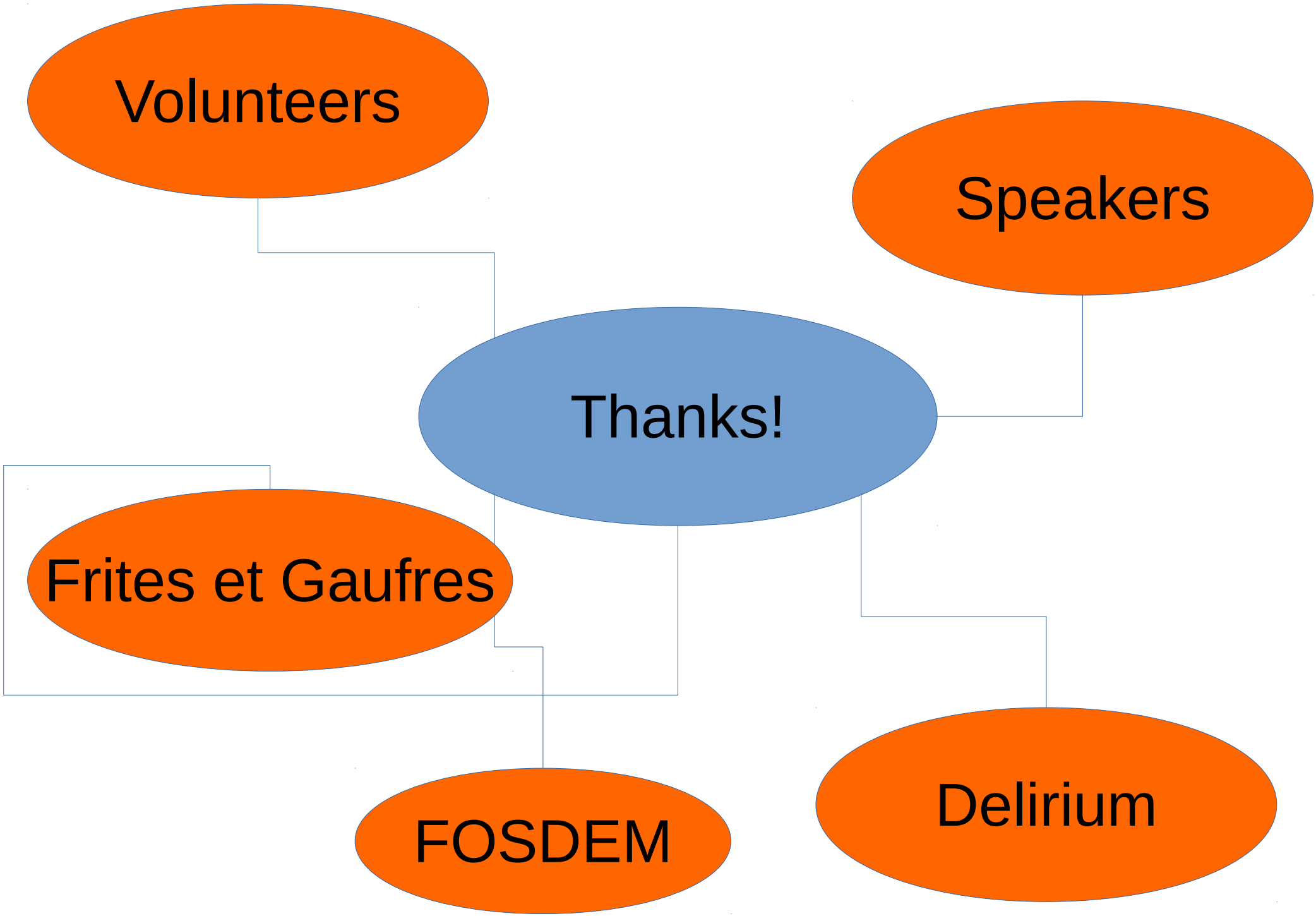
Academia, Research


Volunteers
Speakers
Thanks!
Frites et Gaufres
FOSDEM
Delirium