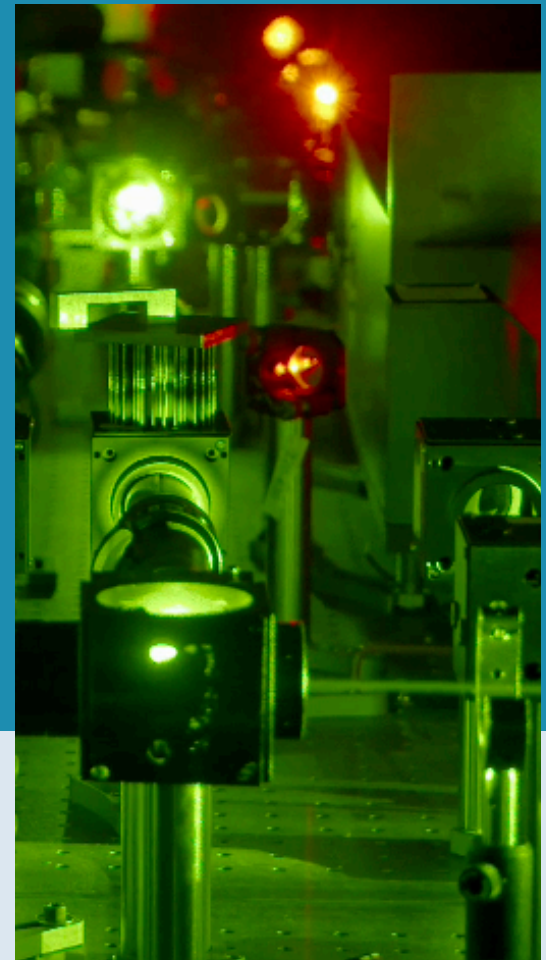


# Laser Control System workshop

*... et plus si affinité*

EMIS XVIII  
CERN, 21 Sept 2018



# Lets pool our resources for RILIS development!

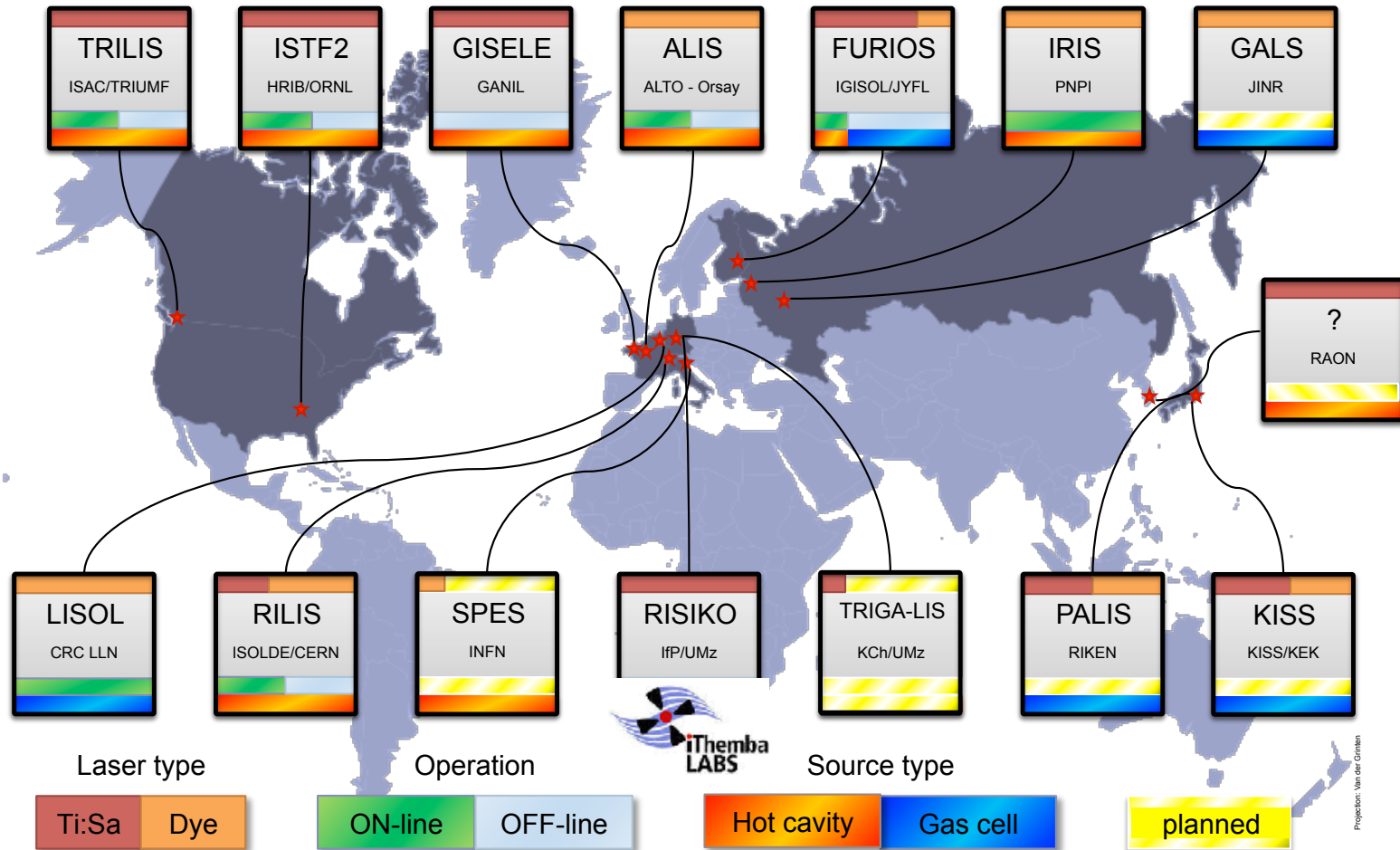
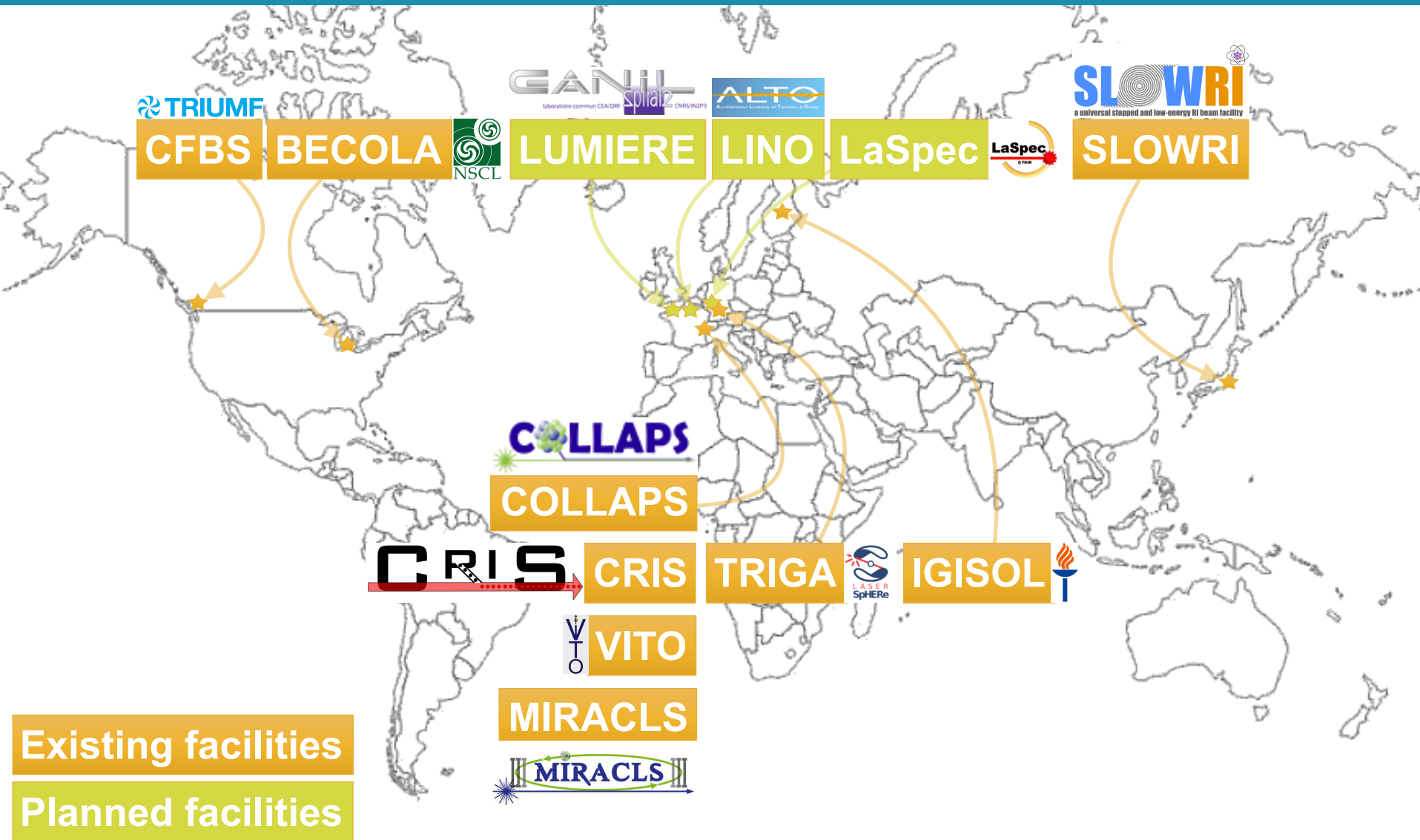


Figure by S.Rothe

# Collinear Laser Spec around the RIB world



Laser systems get more & more complex:

- New devices
- Remote controls
- Long-term stabilisation

Many teams are investing in laser systems:

- Multiplication of laser ions sources
- Collinear laser spectroscopy and applications

Laser systems get more & more complex:

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Everybody is writing new control softwares all the time!!

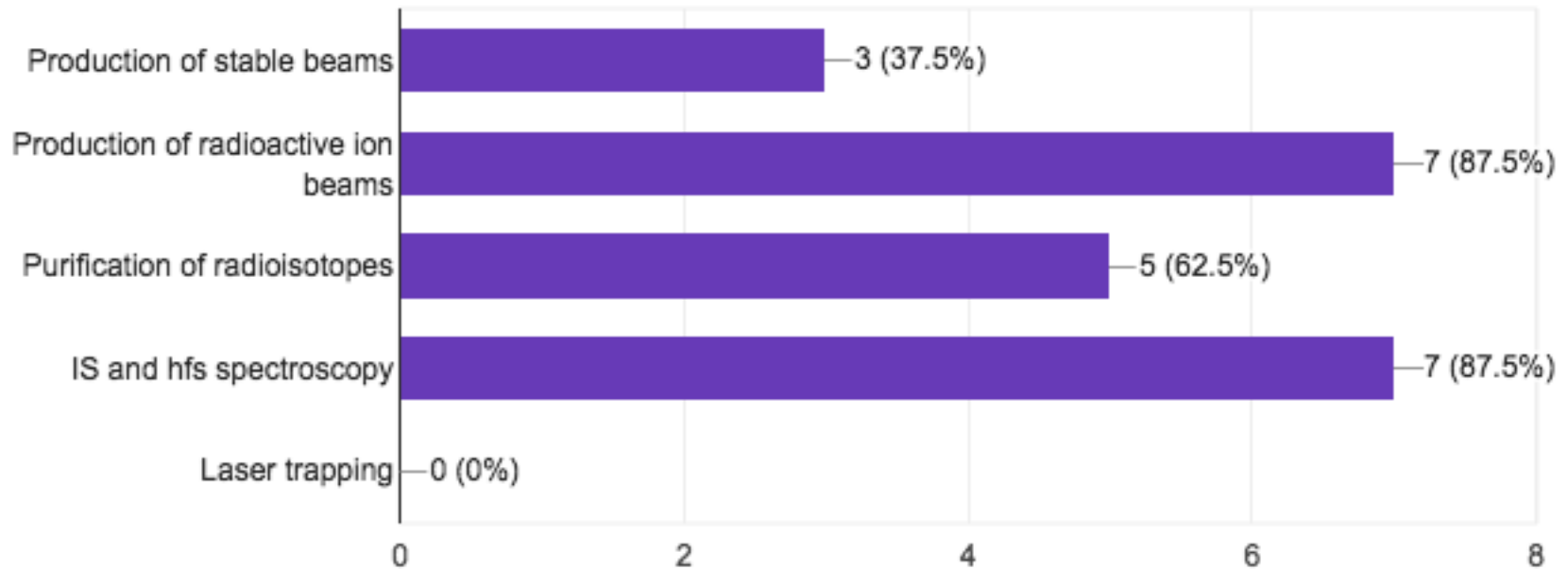
The same problems keep on repeating at many facilities

# Interest from the community

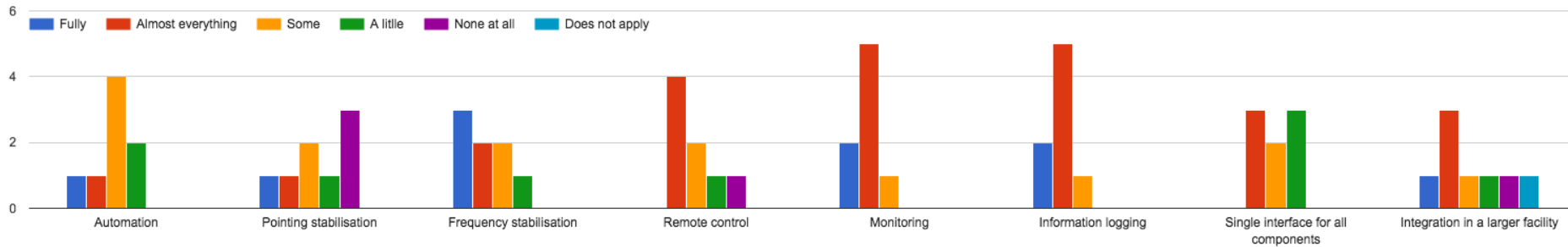
- High-accuracy wavelength measurements
- Missing information on equipment and controls (missing operation manuals, difficult software development, complexities related to LabView)
- Beam position monitoring and long-base-line beam alignment (mostly for ion sources)
- Material and information exchange

## Use of the lasers in your setup

8 responses



## Properties of your laser setup controls



## Acquisition requirements for experimental programs combining the laser information with other data (e.g. particle detectors)

