

# The LOFAR Users Committee (LUC)

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- small group of LOFAR users (outside ASTRON)
- complementary expertise (different operation modes)
- collect and compile feedback from users
- LOFAR is a great instrument... but it is not perfect!
- raise problems / help define **priorities**
- give advice to ASTRON/SDCO
- → have to stay up-to-date with LOFAR development and future plans
- **LUC deals with LOFAR1 and LOFAR2.0**

# **The current LUC** (since 2019, with minor changes)

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- Jean-Mathias Grießmeier (chair, beam-formed, pulsars, LBA)
- **Etienne Bonnassieux** (imaging, long baselines)
- Francesco de Gasperin (imaging, LBA)
- Bharat Kumar Gehlot (AARTFAAC)
- Diana Morosan (imaging, beam-formed)
- Katie Mulray (TBBs)
- Shane O' Sullivan (imaging, polarization)
- Carmen Toribio (spectral lines)

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- members rotate → new/replacement members?

# Example for dialogue LUC / LOFAR

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LUC request

- **[LUC-2022-10-R07; very high priority]** For the new pipeline, users should have the possibility to build upon the results of the ASTRON pipeline in a customized way. In other words, it should be possible to pause/restart the pipeline at any step, and extract all intermediate results for expert/experimental processing. Our impression is that this has zero impact on archiving at the LTA (there is no need to archive the intermediate products separately, as they can be re-generated anytime).

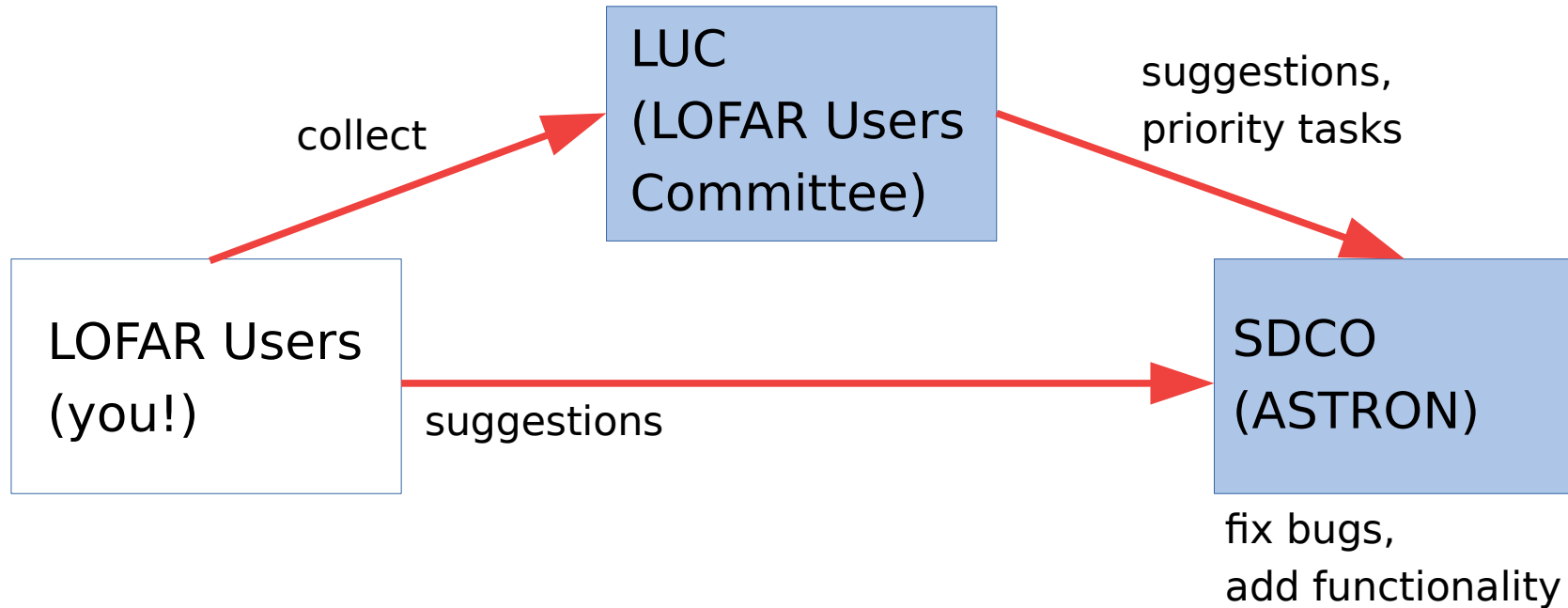
SDCO reply

*LUC-2022-10-R07 – pipeline flexibility [to be planned].* We understand that this LUC request would be useful to the community of expert users. The CWL-pipeline language supports modularity and saving of all intermediate data products generated at each pipeline step, thus facilitating expert/experimental processing. The developments required to enable the functionality described in the LUC report need to be investigated and planned in a future development cycle. We regard the current developments towards the delivery of end-to-end

LINC and RAPHOR pipelines to the production environment our highest priority, as they will enable ASTRON to offer science-ready data to the broadest community.

# LOFAR feedback channels

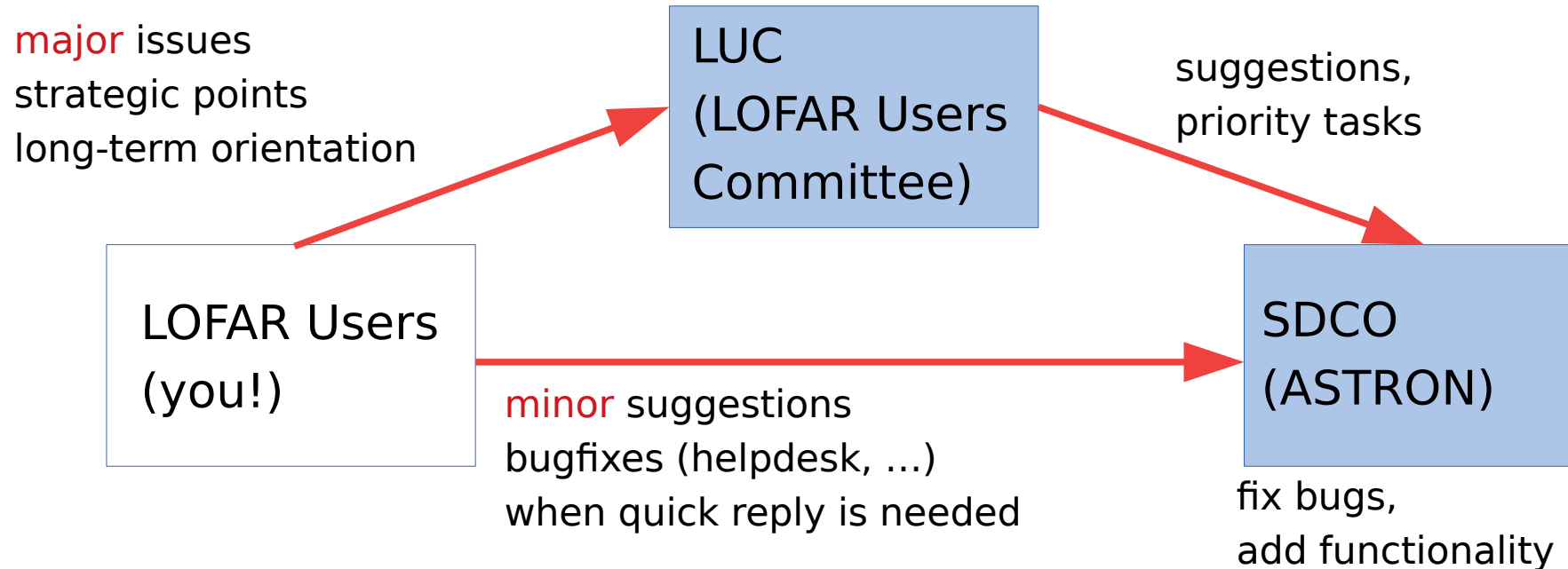
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- improve user experience
- make LOFAR more efficient
- increase science output

# LOFAR feedback channels

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- talk to us!
- send us an email!  
e.g. [jean-mathias.griessmeier@cnrs-orleans.fr](mailto:jean-mathias.griessmeier@cnrs-orleans.fr) or [lofar-luc@obs-nancay.fr](mailto:lofar-luc@obs-nancay.fr)
- we are representing YOU!