Annual LARS meeting @ IAP – 2016

Monday

Welcome Morning: 10:00 – 12:00

10 :00 to 11 :00 : We meet in the lobby, move to the conference room (basement). Have a welcome coffee, tea etc… introduce ourselves (there are now new participants) etc… and:

Matt Hayes from 11:30 to 12:15 :

Overview of the LARS eLARS project

Discussion

12:30 ***Short Lunch***

Afternoon: 13:30 – 18:00

Lyman alpha (and other) imaging: results & progress

Jens Melinder
New images, new global numbers

Matteo Messa
Star clusters and clumps in LARS+eLARS

Joanna Bridge
Pixel-pixel photometry and inferences

Göran Östlin
Ground based imaging of LARS+eLARS

Ivana Orlitová
Lya imaging of LyC leakers

All / discussion
Imaging – what next?

Tuesday

Morning: 09:30 – 12:30

Radio observations: results & progress

John Cannon
HI observations of LARS+eLARS

Johannes Puschnig
Molecular, mm, radio cont. observations of LARS+eLARS

All / discussion
Radio observations – what next?

Lunch (adaptable)

Afternoon: 14:00 – 18:00

Lya Spectroscopy: results & progress

Ivana Orlitová
RT modelling of LARS with shell models

Anne Verhamme
eLARS COS spectroscopy

Göran Östlin
SAFE: project planning

All / discussion
Lya and UV spectroscopy – what next?

Other spectroscopic applications (move to Wed morning if required)

J. Miguel Mas-Hesse
X-ray spectroscopy of ESO338-04 and other LAEs

Christian Herenz
IFU spectroscopy of LARS+eLARS with PMAS

Veronica Menacho
MUSE spectroscopy of ESO338-04

All / discussion
IFUs, X-ray, and other (?) – what next?

Dinner at Contre-Allée (Kunth)

Wednesday, start 09:30

Morning: 09:30 – 12:30

Radiation transfer and galaxy modelling

Anne Verhamme
Aperture effects on Lya profiles in shell models

Jeremy Blaizot, A. Verhamme, G. Östlin, M. Hayes, Max Gronke
Discussion: towards realistic models

All / discussion
Modeling - what next?

Overview of the landscape and how LARS relates

Schaerer, Herenz, and more
LARS as a benchmark: pros/cons w.r.t. samples at z=0 and up
Lyman alpha surveys now and in the future

Connection to LyC, ionizing background, reionization, escape fraction

Hakim Atek
Reionization

Piero Madau
Contribution of AGN at z>5

Matt Lehnert & Michael Rutkowski (different aspects/approaches)
Escape Fraction

R.Gavazzi?

Lunch (adaptive)

Afternoon: 14:00 – 18:00

General discussion points – All participants

New observational projects
HST, JWST, ESO, ALMA, VLA
What data products do we want to release?
Data (what files?)
Web-simulator

Projects and papers to write
Simulating observations paper
Everyone should propose one question/paper

Concluding discussion and the global TODO list