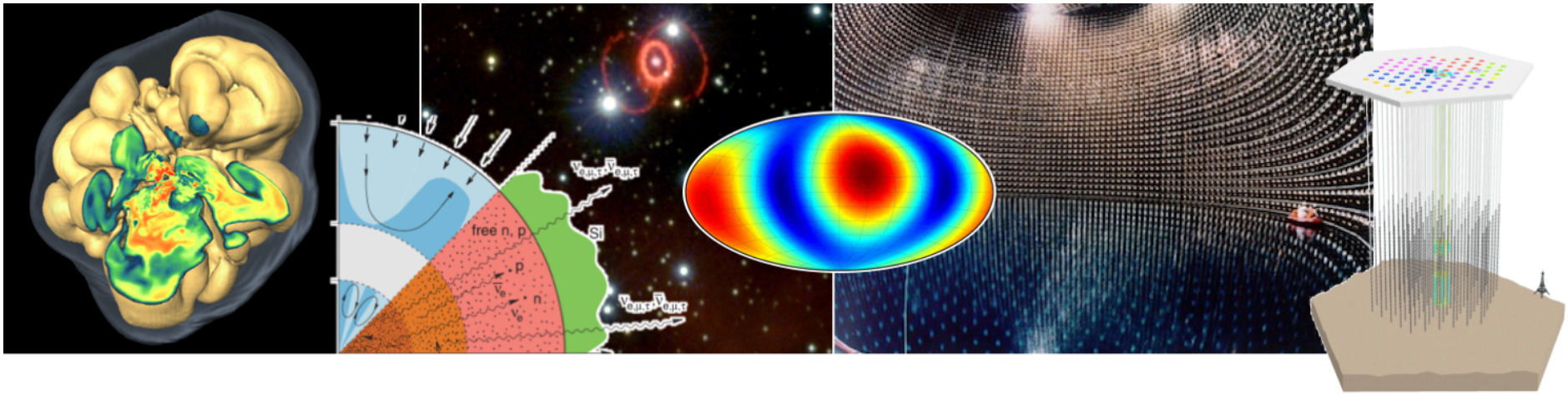
Supernova Neutrino Observations

What can we learn?
What should we do?

Mainz Institute for Theoretical Physics



Introductory Information

MITP Workshop
Universität Mainz, 9-13 Oct 2017

PRISMA

Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
Topic	**Multimessenger**	**SN modelling**	**Neutrino physics**	**SN-ν detectors**	**DSNB**
9:30		Morning talks	Morning talks	Morning talks	Morning talks
12:00	Lunch				Free Discussion & short talks Chair: Irene Tamborra
	Francis' talk		Lunch		
14:00	Free Discussion & short talks	Free Discussion & short talks	Free Discussion & short talks	Free Discussion & short talks	
16:00	Chair: John Beacom	Chairs: Evan O'Connor Sanjay Reddy	Chair: Gabriel Martinez-Pinedo	Chair: Kate Scholberg	
18:00					
				Social Dinner	
20:00					

Schedule - Adjustments

	Monday	Tuesday	Wednesday	Thursday	Friday
Topic	**Multimessenger**	**SN modelling**	**Neutrino physics**	**SN-ν detectors**	**DSNB**
9:30		Morning talks	Morning talks	Morning talks	Morning talks
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16:00	Chair: John Beacom	Chairs: Evan O'Connor Sanjay Reddy	Chair: Gabriel Martinez-Pinedo	Chair: Kate Scholberg	
18:00					
20:00				Social Dinner	

end of workshop at 2pm

Wednesday or Thursday?

Talks

- **introductory talks** in the morning
- **hightlight talks** in the afternoon (duration: 10‘-15‘)
  → if you have not done so yet, speak to your session chair

- either use your own computer
- or give the slides to me in the morning/lunch break

- all slides will be uploaded on indico
- password protection necessary?

Miscellaneous

- **WiFi:** eduroam works, or special accounts
- **LAN** connection in your offices
- **printer:** there is one close to the offices, takes 10 minutes to install
  → if you only have to print boarding passes, Heidi Stein will do it for you
- quiet room for **skype meetings**: MITP lecture hall available in between talks
  → otherwise, talk to Heidi Stein or Lutz Köpke

- **coffee breaks** in morning (with Brezen) and afternoon (with cake)
- **Lunch:** either in Mensa
  - upstairs: Cafeteria (cash payment possible)
  - downstairs: only card payment (can be lent from organizing team)
- **Dinner:** many places downtown, flyers for good places in the lounge

- if you can, please acknowledge MITP in your papers

- any other questions on housing or venue: please ask Heidi

SN neutrinos in Mainz

Johannes Gutenberg Universität
Institute of Physics – Institute of Nuclear Physics

Cluster of Excellence PRISMA
Hadronic Physics – Particle Physics (Experiment/Theory)

within **Experimental Particle and Astroparticle Physics (ETAP):**

ATLAS

Volker Büscher
Lucia Masetti
Matthias Schott

NA62 – Rainer Wanke

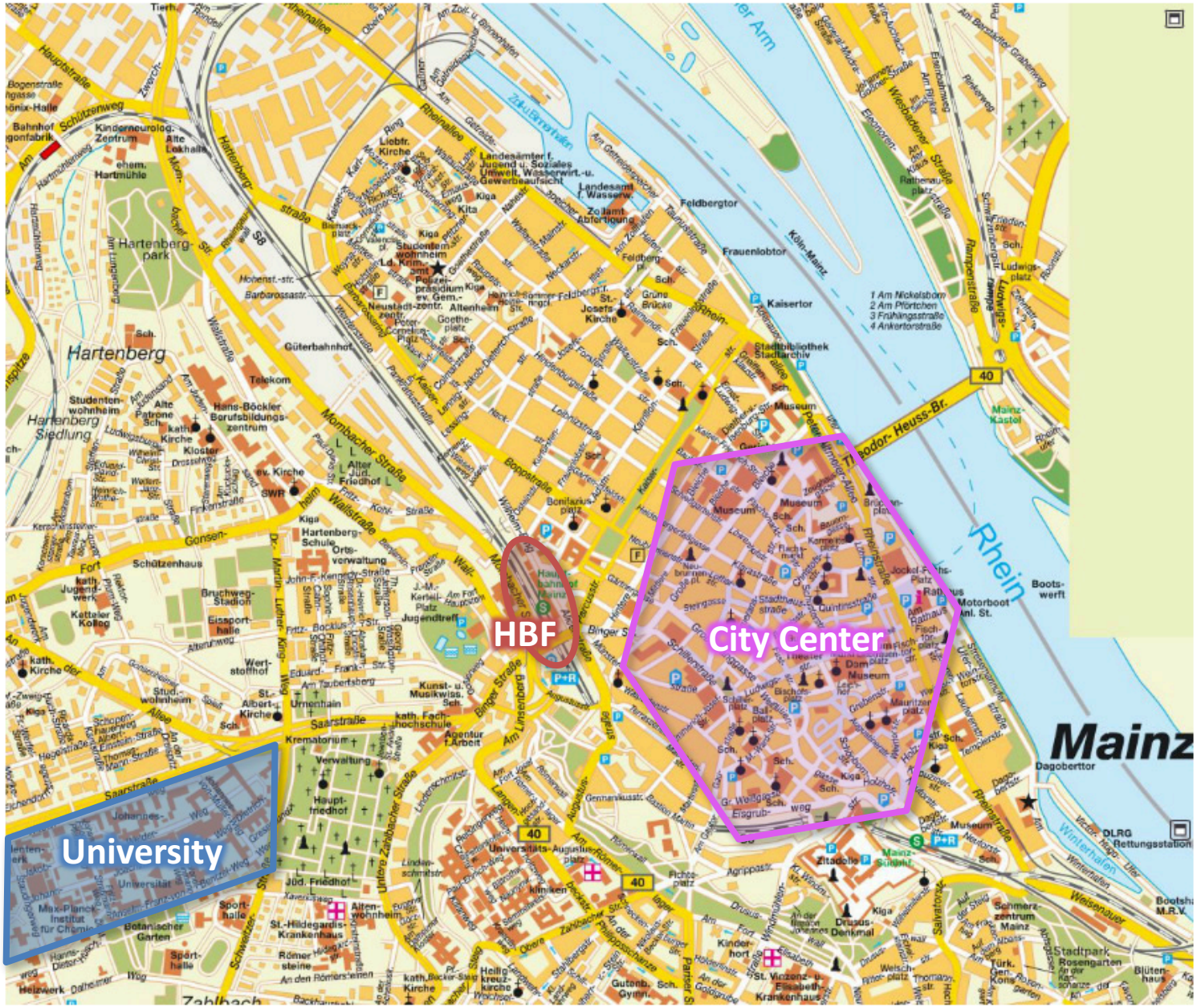
XENON – Uwe Oberlack → **SNν**

Neutrinos

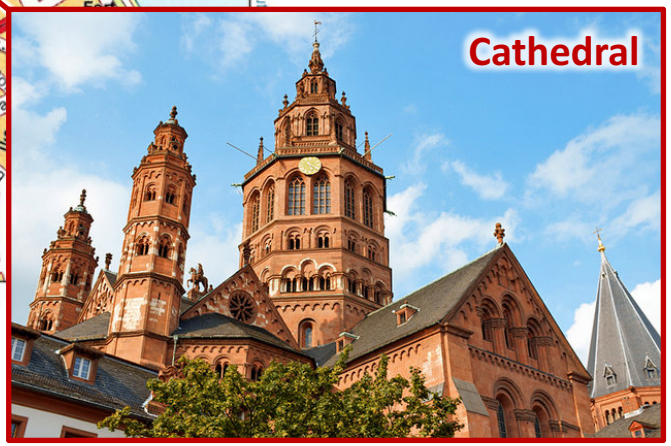
Sebastian Böser
Lutz Köpke
Michael Wurm

SN neutrino experiments
- Borexino
- IceCube
- JUNO

Map of Mainz



Things to see



St Stephan‘s windows by Chagall

Mainzer Fastnacht


MAINZ HILTON
Welcome to Mainz
and enjoy your stay!