

Workshop on
“Advances in Chemical Reaction Network Theory”

October 15 – 19, 2018

organized by

Gheorghe Craciun (U Wisconsin-Madison), Elisenda Feliu (U Copenhagen),
Josef Hofbauer (U Vienna), Stefan Müller (U Vienna)

• **Monday, October 15, 2018**

09:00 – 09:30 **Registration**

09:30 – 09:40 **Opening**

09:40 – 10:50 **Peter Schuster**

Keynote lecture: *What is special about autocatalysis?*

10:50 – 11:20 *Coffee / Tea Break*

11:20 – 12:30 **Elisenda Feliu & Carsten Wiuf**

Overview talk: *Deterministic models – algebraic aspects*

12:30 – 14:00 *Lunch Break*

14:00 – 15:10 **Introduction of participants**

Mini talks

15:10 – 15:40 *Coffee / Tea Break*

15:40 – 16:50 **Introduction of participants**

Mini talks

17:00 – 19:00 *Welcome reception*

• **Tuesday, October 16, 2018**

09:00 – 10:10 **Balázs Boros & Casian Pantea**

Overview talk: *Deterministic models – dynamical aspects*

10:10 – 10:40 *Coffee / Tea Break*

10:40 – 11:50 **David Anderson & Daniele Cappelletti**

Overview talk: *Stochastic models*

11:50 – 12:30 **Discussion**

Topics for group work

12:30 – 14:00 *Lunch Break*

14:00 – 15:10 **Peter Szmolyan & Sebastian Walcher**

Overview talk: *Singular perturbations*

15:10 – 15:40 *Coffee / Tea Break*

15:40 – 16:50 **Stefan Müller & Georg Regensburger**

Overview talk: *Models of metabolism*

- **Wednesday, October 17, 2018**

09:00 – 09:40 **Discussion**

Topics for group work

09:40 – 10:50 **Group work**

10:50 – 11:20 *Coffee / Tea Break*

11:20 – 12:30 **Group work**

12:30 – 14:00 *Lunch Break*

14:00 – 15:10 **Group work**

15:10 – 15:40 *Coffee / Tea Break*

15:40 – 16:10 **Group work**

16:10 – 16:50 **Discussion**

Reports on group work

- **Thursday, October 18, 2018**

09:00 – 09:40 **Discussion**

Topics for group work

09:40 – 10:50 **Group work**

10:50 – 11:20 *Coffee / Tea Break*

11:20 – 12:30 **Group work**

12:30 – 14:00 *Lunch Break*

14:00 – 15:10 **Group work**

15:10 – 15:40 *Coffee / Tea Break*

15:40 – 16:10 **Group work**

16:10 – 16:50 **Discussion**

Reports on group work

- **Friday, October 19, 2018**

09:00 – 10:10 **t.b.a.**

Extra talks

10:10 – 10:40 *Coffee / Tea Break*

10:40 – 11:50 **Group work**

11:50 – 12:30 **Closing**

incl. reports on group work

All talks take place at ESI, Boltzmann Lecture Hall!