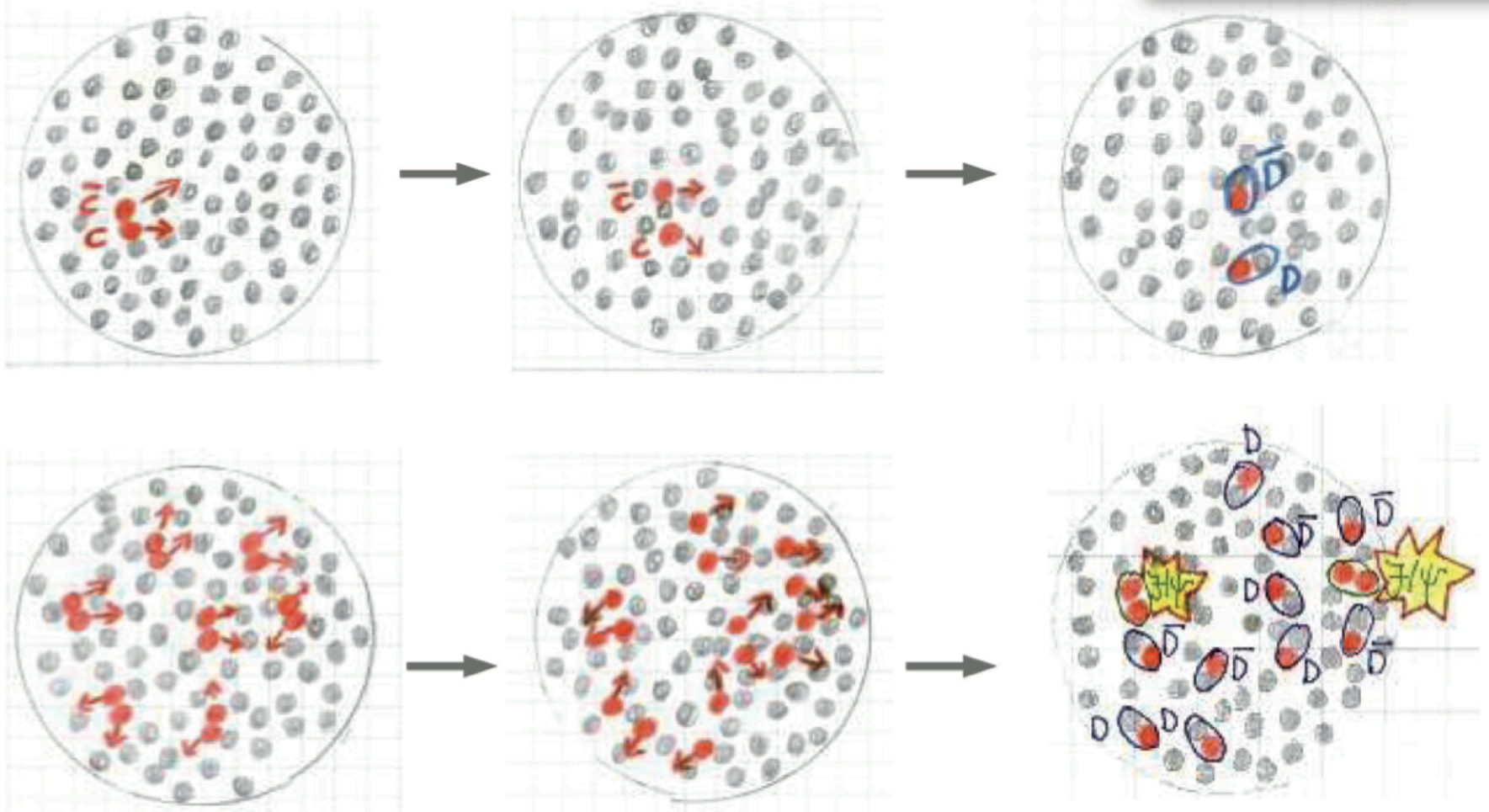


Imprints of the QGP

EMMI Workshop in honor of Johanna Stachel



Imprints of the QGP

Topics

- statistical hadronization
- heavy quarks and quarkonia
- energy loss
- fluctuations
- photons and di-leptons

Organizers

- Peter Glässel (Heidelberg)
- Selim Jochim (Heidelberg)
- Silvia Masciocchi (Darmstadt)
- Klaus Reygers (Heidelberg)
- Hannes Wessels (Münster)
- Klaus Blaum, Getraud Dücker, Sandra Schecker



UNIVERSITÄT
HEIDELBERG
ZUKUNFT
SEIT 1386



Program

Thursday

| | | |
|-------------|---------------|-------------------------------------------------------------------------------------------------------------------|
| | | |
| 10:45-11:15 | Tea | |
| 11:15-12:15 | E. Shuryak | MPI Colloquium: QGP fireballs: from the smallest to the largest |
| 13:00-14:00 | | Lunch at EMBL |
| 14:00-14:40 | N. Xu | Studies of the QCD Phase Structure in High-Energy Nuclear Collisions |
| 14:40-15:20 | K. Redlich | Imprints of the QGP in heavy ion collisions |
| 15:20-16:00 | R. Bellwied | Flavor fluctuations and their relevance to the understanding of hadronization |
| 16:00-16:30 | | Coffee Break |
| 16:30-17:10 | V. Koch | Fluctuations and the phase structure of QCD |
| 17:10-17:50 | I. Tserrya | From small to large systems: a paradigm change? |
| 17:50-18:30 | M. Bartelmann | Cosmological inflation and its remaining imprints, in particular in the microwave background and its polarisation |
| 19:00-22:00 | | Workshop Dinner |

Friday

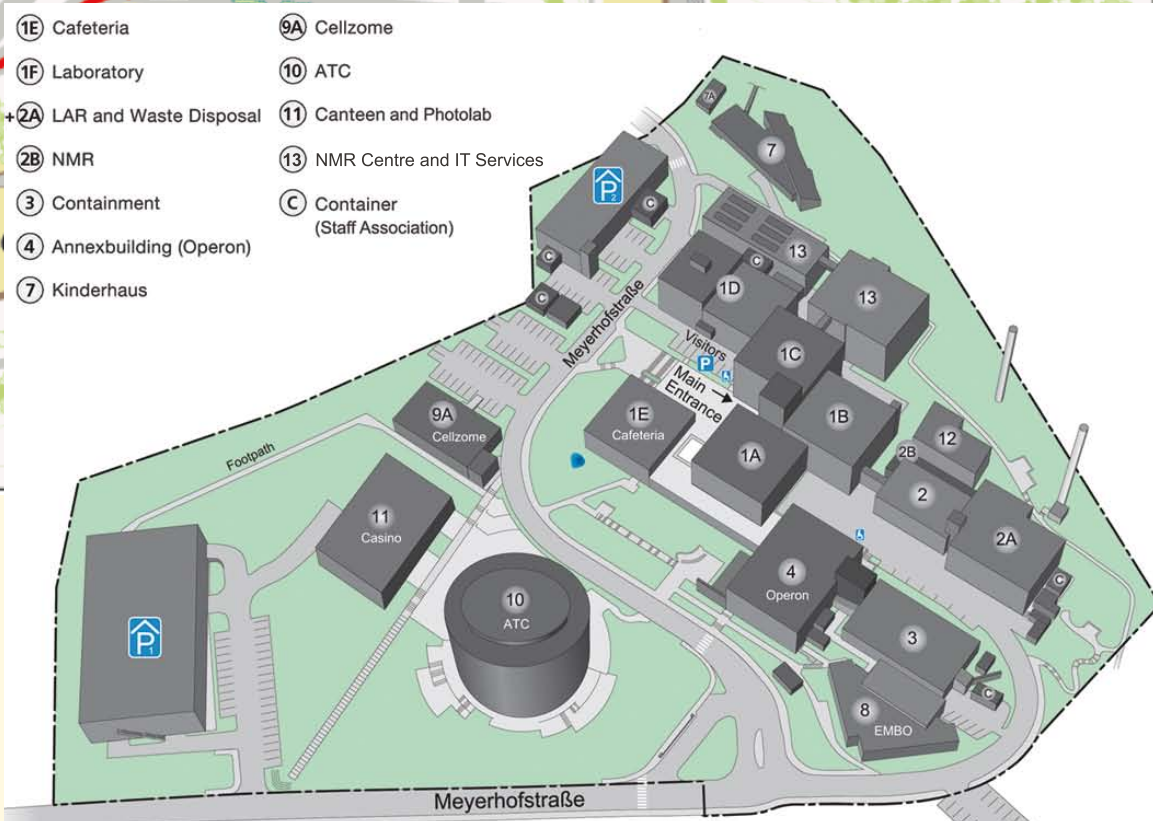
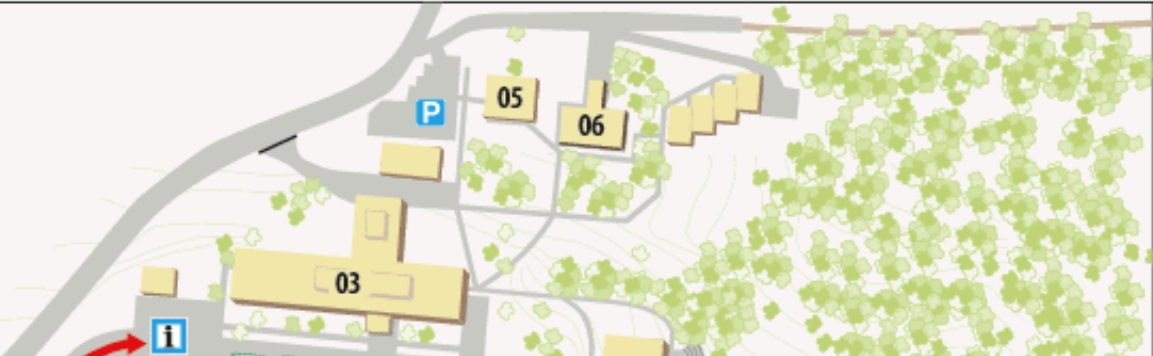
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|-------------|-----------------|-------------------------------------------------------------------------------------|
| 09:00-09:40 | J.-P. Blaizot | Heavy quarks in quark-gluon plasma: dissociation and recombination |
| 09:40-10:20 | A. Andronic | Statistical hadronization and the phase boundary of QCD - a journey of five flavors |
| 10:20-11:00 | K. Zapp | Dissecting the di-jet asymmetry |
| 11:00-11:30 | | Coffee Break |
| 11:30-12:10 | T.K. Hemmick | Direct Photons - The Beautiful Glow that teaches us about the Quark-Gluon Plasma |
| 12:10-12:50 | L. McLerran | Tale of the Tails |
| 13:00-14:00 | | Lunch at EMBL |
| 14:00-14:40 | J. Wambach | Dileptons from Heavy-Ion Collisions: past and future. |
| 14:40-15:20 | H. Appelshäuser | Perspectives for di-electron measurements at the LHC |
| 15:20-16:00 | | close-out |
| 17:15-18:15 | B. Jacak | Physikalisches Kollquium |

**For workshop participants:
Lunches start at 13:00 at EMBL canteen
Please wear your badge**

Logistics

- 01 Entrance Building / Reception**
- 02 Mechanics Shop and Engineering Design Office**
- 03 Bothe-Laboratory**
Seminar Room (2nd floor)
Glaskasten (3rd floor)
- 05-06 Guest Houses**
- 10/11/11a Gentner-Laboratory**
Seminar Room Blaum (2nd floor)
Seminar Room Linder (3rd floor)
- 12 Library / Lecture Hall**
Otto-Hahn-Lecture Hall (1st floor)
Central Seminar Room (1st floor)
Conference Room (2nd floor)
- 14 Electronics Shop**
- 15-18 Experimental Facilities**

- 1E Cafeteria
- 1F Laboratory
- 2A LAR and Waste Disposal
- 2B NMR
- 3 Containment
- 4 Annexbuilding (Operon)
- 7 Kinderhaus
- 9A Cellzome
- 10 ATC
- 11 Canteen and Photolab
- 13 NMR Centre and IT Services
- C Container (Staff Association)



Bus leaving 8:34 from Aloys-Link Platz will go all the way to MPI-K

Enjoy and Share

a program, which foresees
ample time for discussion

stories and encounters with
Johanna

