



# **Δ-Meeting – Programme**

## **QCD, Nonequilibrium Dynamics, Complex Systems, and Simulational Methods**

**FRIDAY 14.12.**

**14:00 – 17.15 and 17:30 – 20:30 Philosophenweg 19**

<b>14:00</b>	<b>Heermann</b>	<b>Simulations in Biophysics</b>
<b>14:15</b>	<b>Bohn</b>	<b>A Random Loop Model for Chromatin Organization</b>
<b>15:00</b>	<b>de Forcrand</b>	<b>Phase Structure of QCD</b>
<b>15:45</b>	<b>De Pietri</b>	<b>Numerical Relativity – Overview and a Concrete Case</b>
<b>16:30</b>	<b>Gasenzer</b>	<b>Non-equilibrium Simulations</b>

**17:15** **Break**

<b>17:30</b>	<b>Schaefer</b>	<b>Phase diagram of QCD from the quark-meson model</b>
<b>18:15</b>	<b>Scheffler</b>	<b>Plasma instabilities in non-abelian gauge theories</b>
<b>19:00</b>	<b>Hofmann</b>	<b>Yang-Mills Thermodynamics</b>
<b>19:45</b>	<b>Polonyi</b>	<b>Decoherence of the Coulomb field</b>

**20:30** **Dinner**

**SATURDAY 15.12. 9:00 - 10:45 and 11:00 - 13:15 Philosophenweg 16**

<b>9:00</b>	<b>Henkel</b>	<b>Hidden extended dynamical symmetries in non-equilibrium systems</b>
<b>10:00</b>	<b>Litim</b>	<b>Towards functional flows for hierarchical model</b>

**10:45** **Break**

<b>11:00</b>	<b>Pawlowski</b>	<b>Functional Methods in QCD: Results and Challenges</b>
<b>11:45</b>	<b>Mendes</b>	<b>Constraints on the infrared behaviour of Landau-gauge gluon propagators in Yang-Mills th.</b>
<b>12:30</b>	<b>Mueller-Preusker</b>	<b>Infrared QCD on the lattice: Landau gauge gluon and ghost propagators</b>

