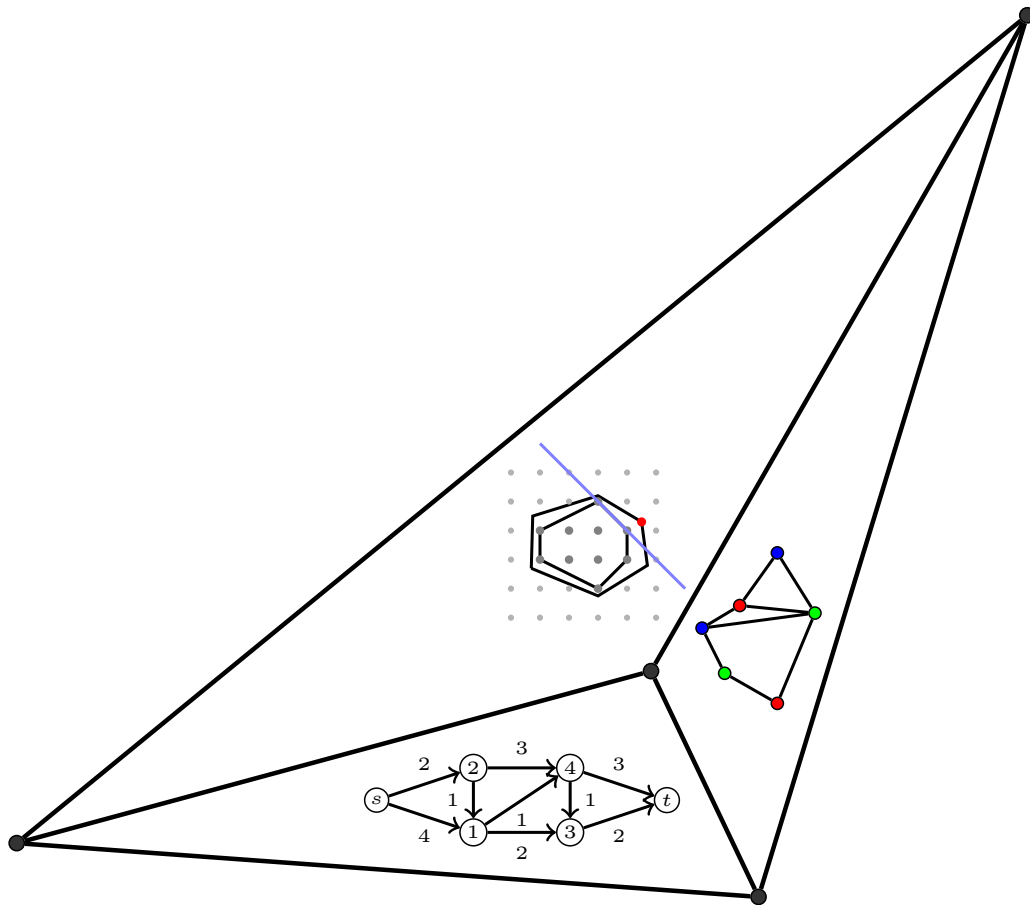


# ABCD Workshop March 2025

at the TU Dortmund University



Thursday 13.3.2025

<b>12:00 – 12:15</b>	<b>Opening and Optimization at TUD</b> <i>Anja Fischer</i>
<b>12:15 – 13:15</b>	<b>Integer Optimization in Infinite Dimensions</b> <i>Paul Manns</i>
<b>13:15 – 13:45</b>	<b>Coffee break in M/E23</b>
<b>13:45 – 14:15</b>	<b>A Multi Stage Selection Problem</b> <i>Maja Hüggling</i>
<b>14:15 – 14:45</b>	<b>The Packing problem of regular <math>M</math>-gons on <math>\mathbb{S}^2</math></b> <i>Andreas Spomer</i>
<b>14:45 – 15:15</b>	<b>Coffee break in M/E23</b>
<b>15:15 – 15:45</b>	<b>Stochastic Function Evaluation: Score Classification and Voting</b> <i>Kevin Schewior</i>
<b>15:45 – 16:15</b>	<b>Integer Linear Programs Arising from a Trust-Region Algorithm for Integer Optimal Control</b> <i>Marvin Severitt</i>
<b>16:15 – 16:45</b>	<b>Coffee break in M/E23</b>
<b>16:45 – 17:45</b>	<b>Academic Speed Dating</b> <i>Junior researchers</i>
<b>Afterwards</b>	<b>Dinner at the “Much Needed” (traveling with the lovely “H-Bahn”)</b>

All lectures will take place in M/E19 in the Mathematics building at the TU Dortmund University. Registration is possible in M/E23 before the opening and during the coffee breaks. Drinks and cookies will also be available in M/E23 before the official start of the event.

**Friday 14.3.2025 –  $\pi$ -Day and International Day of Mathematics**

<b>9:00 – 9:30</b>	<b>Integration of Realistic Aspects into Facility Layout Planning</b> <i>Louisa Schroeder</i>
<b>9:30 – 10:00</b>	<b>Polyhedral Relaxations of the Quadratic Linear Ordering Problem</b> <i>Sven Mallach</i>
<b>10:00 – 10:30</b>	<b>Coffee break in M/E19</b>
<b>10:30 – 11:00</b>	<b>A <math>(\frac{3}{2} + \frac{1}{e})</math>-Approximation Algorithm for Ordered TSP</b> <i>Susanne Armbruster</i>
<b>11:00 – 12:00</b>	<b>Open Problem Session</b> <i>Moderation and first questions Anja Fischer</i>