

## “Women in Topology”

August 26 - 30, 2019

organized by

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### • Monday, August 26

|                   |   |
|-------------------|---|
| 09:30 - 10:30     | <b>Welcome and short project presentations by team leaders</b> <ol style="list-style-type: none"> <li>1. Model categories and functor calculus</li> <li>2. Commutative equivariant ring spectra</li> <li>3. Unstable homotopy theory of nerves of categories</li> <li>4. Hochschild homology for Green functors</li> <li>5. Loday constructions on twisted products</li> </ol>  |
| 10:30 - 11:00     | <b>Registration, per Diem payments and coffee break</b>   |
| 11:00 - 12:00     | <b>Short project presentations by team leaders continued</b> <ol style="list-style-type: none"> <li>6. Model structures for special cases of multicomplexes</li> <li>7. Cut and paste invariants of manifolds via algebraic <math>K</math>-theory</li> <li>8. An alternative categorical approach to modeling stable 2-types</li> <li>9. Operads and PROPs associated to surfaces</li> <li>10. Deriving <math>A1</math>-Euler characteristic using Hermitian <math>K</math>-theory</li> </ol> |
| 12:00 - 14:00     | <i>Lunch break</i>  |
| 14:00 - 16:00     | <b>Work in teams</b>  |
| 16:00 - 16:30     | <i>Coffee and cake</i>  |
| 16:30 - 17:30     | <b>Work in teams</b>  |
| <i>afterwards</i> | <i>Reception</i>  |

### • Tuesday, August 27

|               |                                     |
|---------------|-------------------------------------|
| 09:00 - 10:30 | <b>Work in teams</b>                |
| 10:30 - 11:00 | <i>Group photo and coffee break</i> |
| 11:00 - 12:00 | <b>Work in teams</b>                |
| 12:00 - 14:00 | <i>Lunch break</i>                  |
| 14:00 - 16:00 | <b>Work in teams</b>                |
| 16:00 - 16:30 | <i>Coffee and cake</i>              |
| 16:30 - 17:30 | <b>Work in teams</b>                |

*evening* | *Discussion session*

• **Wednesday, August 28**

09:00 - 10:30 | **Work in teams**  
10:30 - 11:00 | *Coffee break*  
11:00 - 12:00 | **Work in teams**  
*afterwards* | *Lunch break and free afternoon*

• **Thursday, August 29**

09:00 - 10:30 | **Work in teams**  
10:30 - 11:00 | *Coffee break*  
11:00 - 12:00 | **Work in teams**  
12:00 - 14:00 | *Lunch break*  
14:00 - 15:00 | **Work in teams/prepare presentations**  
15:00 - 16:00 | **Presentations: teams 1, 2.**  
16:00 - 16:30 | *Coffee and cake*  
16:30 - 18:00 | **Presentations: teams 3, 4, 5.**  
*evening* | *Discussion session*

• **Friday, August 30**

09:00 - 10:30 | **Presentations: teams 6, 7, 8.**  
10:30 - 11:00 | *Coffee break*  
11:00 - 12:00 | **Presentations: teams 9, 10.**  
12:00 - 14:00 | *Lunch break*  
14:00 - 16:00 | **Work in teams**  
16:00 - 16:30 | *Coffee and cake*  
16:30 - 17:30 | **Work in teams (optional) and close**

*All talks take place at HIM lecture hall, Poppelsdorfer Allee 45, Bonn.*