

Women at the Intersection of Mathematics and High Energy Physics



Monday, March 6, 2017 - Friday, March 10, 2017

Mainz Institute for Theoretical Physics, Johannes Gutenberg University

Scientific Program

The workshop builds on four intertwined pillars around mathematical physics, in particular QFT, quantum gravity and string theory:

Locality and observables,

Symmetry and duality,

String compactifications,

Numbers and singularities.

Each topic will be introduced by two transversal **pedagogical talks** by

Lara Anderson (Virginia Tech)

Ruth Britto (Dublin & CEA Saclay)

Daniela Cadamuro (Göttingen)

Xenia de la Ossa (Oxford)

Johanna Knapp (Vienna)

Catherine Meusburger (Erlangen-Nürnberg)

Anne Taormina (Durham)

Karen Yeats (Simon Fraser University, Burnaby)

followed by a light schedule of **shorter research talks**, allowing ample time for free discussion.

On the International Women's Day, Wednesday 8 March 2017, Anda Degeratu (Freiburg and Stuttgart) will give a public evening lecture titled "**Wie Gravitationswellen unser Bild vom Universum erweitern**" in the Akademie der Wissenschaften und Literatur Mainz.