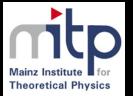


Coming soon: The Amplitude Games The Final



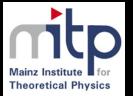


In the year 2021 fifteen teams

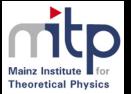


In the year 2021 fifteen teams

participated in the first Amplitude Sames



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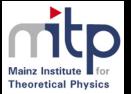
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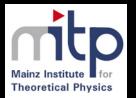


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Basics of Scattering Amplitudes

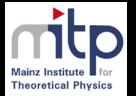


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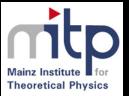
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Effective Field Theories



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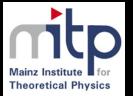
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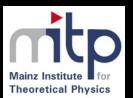
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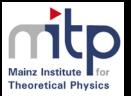
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Polylogs, elliptic polylogs etc.



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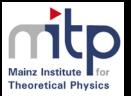
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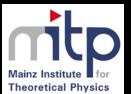
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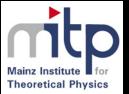
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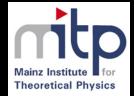
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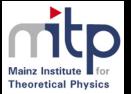
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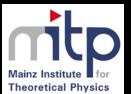
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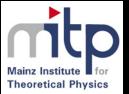
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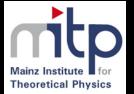
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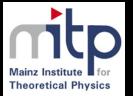
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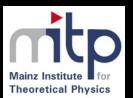
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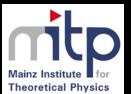
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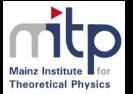
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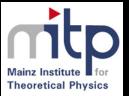
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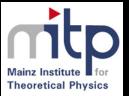
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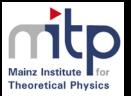
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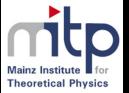


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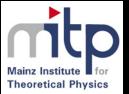
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The prize





The frontrunners

After the second week (700 points out of 1100 points):

- Team 1 (650 points)
- Team 10 (603 points)
- Team 6 (600 points)
- Team 17 (566 points)
- Team 7 (554 points)



and the winner is ...



Commercial break

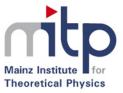
Scientific Programs (for a period of several weeks)

MITP hosts several programs per year, each lasting for a period of up to four weeks. These programs are organized by a small team of scientists. Each will be attended by up to 25 scientists at any given time, who are expected to spend at least two weeks at MITP. Local housing expenses for accepted participants will be covered by MITP. The MITP guest relations team will arrange for housing according to the individual needs of participants.

Topical Workshops (focused one-week workshops)

MITP offers to the scientific community the opportunity to hold one-week workshops devoted to a specific topic at the forefront of current research with a maximum number of 30 participants. MITP provides sufficient funds for participants and organizers.

https://www.mitp.uni-mainz.de/



and the winner is ...



and the winner is ...

Team 1

- Andrés Aguilar
- Hao Chen
- Jorge Jaber-Urquiza
- Yuyu Mo
- Michael Saavedra

Congratulations!



The olympic spirit:

Participation is everything!



Many thanks to

our lecturers:

- Henriette Elvang
- Alexander Huss
- Ira Rothstein
- Jacob Bourjaily
- Ruth Britto
- Claude Duhr
- Erik Panzer
- Donal O'Connell
- Lance Dixon
- Yvonne Geyer
- Oliver Schlotterer



Many thanks to

the homework correction team:

- Alexander Aycock
- Ina Hönemann
- Farroukh Peykar Negar Khiabani
- René Pascal Klausen
- Philipp Kreer
- Sascha Kromin
- Hildegard Müller
- Robert Runkel
- Juan Pablo Vesga Simmons
- Johann Usovitsch



Many thanks to

the MITP staff:

- Olga Zeeh-Sourli
- Silke Köster
- Kerstin Massmann
- Sibylle Wittek
- Felix Achtmann



Final words

- We hope that you enjoyed the school, learned new things about physics and made contact to fellow Ph.D. students.
- We hope that the ideas and content of the lecturers find fertile ground and we look forward to see in the future publications from you!

The organisers

Christian Bogner, Camila S. Machado, Maximilian Stahlhofen, Zoltán Szőr and Stefan Weinzierl

