

Session Program

Oct 10 - 13, 2023

**Second ECFA Workshop on e⁺e⁻ Higgs/EW/
Top Factories, October 11-13, 2023, in
Paestum (Salerno)**

Plenary

Hotel Ariston, Paestum

Wed, October 11

8:30 AM

Plenary

Session |

Location: Hotel Ariston, Paestum, Sala Saturno, Zoom link: <https://cern.zoom.us/j/64901031028?pwd=ZVRSOHpjVXJlUeEhnV054OStPQ1lIQT09>

8:30 - 8:40 AM **Welcome from the Director of the INFN Section of Naples**

Speaker

Prof. Luca Lista

8:40 - 8:45 AM **Practical Information from the LOC committee**

Speaker

Alberto Orso Maria Iorio

8:45 - 8:50 AM **Introduction to the workshop**

Speaker

Aidan Robson

8:50 - 9:20 AM **Physics landscape**

Speaker

Stefan Dittmaier

9:30 - 9:50 AM **Focus Topic Highlight 1: Higgs Self-Coupling**

Speakers

Junping Tian, Junping Tian

10:00 - 10:20 AM

Focus Topic Highlight 2: Strange-quark Tagging for Higgs and EW Physics

Speakers

Caterina Vernieri, Caterina Vernieri

10:30 - 10:50 AM

Focus Topic Highlight 3: New Physics Opportunities in the Top Sector

Speaker

Roberto Franceschini

11:00 AM

Thu, October 12

8:30 AM

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8:30 - 8:50 AM **WG2 - Key4hep ecosystem**

Speaker

Juan Miguel Carceller

9:00 - 9:20 AM **WG3 - Calorimetry**

Speaker

Roman Poeschl Poeschl

9:30 - 9:50 AM **WG3 - Si Detectors for Tracking & Vertexing**

Speaker

Ziad EL BITAR

10:00 - 10:20 AM **WG2 - Reconstruction**

Speaker

Uli Einhaus

10:30 AM

11:00 AM

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11:00 - 11:20 AM **R&D on superconducting magnets for a future Higgs factory**

Speaker

Matthias Mentink

11:30 - 11:50 AM

The superconducting thin solenoid for IDEA. A traditional design or a step towards new technologies?

Speaker

Michela Bracco

12:00 PM

12:00 PM

Plenary: Presenting the Higgs Factory case externally

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12:00 - 12:15 PM **Cui Malo?: Lessons from Historical Critiques of Big Science**

Speaker

Joseph Martin

12:20 - 12:30 PM **The science case**

Speaker

Harry Cliff

12:35 - 1:00 PM **Panel discussion**

1:00 PM	Speakers Harry Cliff, Joseph Martin, Patrick Koppenburg, Patrizia Azzi, Stefan Dittmaier
4:30 PM	Plenary Session Location: Hotel Ariston, Paestum, Sala Saturno, Zoom link: https://cern.zoom.us/j/64901031028?pwd=ZVRSOHpjVXJUeEhnV054OStPQ1IIQT09 4:30 - 4:50 PM Status of e+e- Higgs Factory Projects Speaker Jenny List 5:00 - 5:15 PM Activities in the US towards an e+e- Higgs factory - physics and detectors Speaker Srini Rajagopalan 5:20 - 5:35 PM ECFA activities towards an e+e- Higgs factory Speaker Karl Jakobs
5:45 PM	

Fri, October 13

8:30 AM

Plenary

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8:30 - 8:50 AM **WG2/WG1 - Generators**

Speaker

Jürgen Reuter

9:00 - 9:20 AM **WG2 - Simulation**

Speaker

Brieuc Francois

9:30 - 9:50 AM **WG3 - Gaseous detectors for tracking & muon ID**

Speaker

Riccardo Farinelli

10:00 AM

10:15 AM

Plenary

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10:15 - 10:45 AM **Physics vision**

Speaker

Francesco Riva

10:50 - 11:05 AM **WG2 Highlight topic: Technical Benchmarks**

Speaker

Alan Price

11:10 - 11:30 AM **Next steps, report plans, and close**

Speaker

Aidan Robson

12:00 PM