

Session Program

Nov 12 - 15, 2024



WIFAI 2024

Rare Decays

Palazzo Hercolani, Aula Poeti
Strada Maggiore 45

Thu, November 14

9:00 AM

Rare Decays: Rare Decays

Session | **Location:** Palazzo Hercolani, Aula Poeti, Strada Maggiore 45 | **Conveners:** Francesco Brizioli, Cecilia Tarantino

9:00 – 9:05 AM **Rare Decays: Introduction**

Speakers

Cecilia Tarantino, Francesco Brizioli

9:05 – 9:30 AM **Probing new physics with rare decays**

Speaker

David Marzocca

9:30 – 9:55 AM **Status and prospects of rare decay searches at LHCb**

Speaker

Gabriele Martelli

9:55 – 10:20 AM **Status and prospects of rare decay searches at Belle II**

Speaker

Mr Debjit Ghosh

10:20 – 10:45 AM

Evolution of trigger and TDAQ system for rare decay searches at LHCb

Speaker

Giulia Tuci

10:45 AM

11:15 AM

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11:15 – 11:40 AM

Reviewing the Role of Lattice QCD for Rare Decays: Achievements and Future Challenges

Speaker

Giuseppe Gagliardi

11:40 AM – 12:05 PM **Status and prospects of rare decay searches at NA62**

Speaker

Gemma Maria Tinti

12:05 – 12:30 PM **Status and prospects of rare decay searches at ATLAS and CMS**

Speaker

Semen Turchikhin

12:30 – 12:55 PM

Prospects for searches of rare decays in the flavor sector at future colliders

Speaker

Aidan Richard Wiederhold

1:00 PM