

Alessandro D'Adda memorial day



Report of Contributions

Contribution ID: 2

Type: **not specified**

Welcome and foreword

Friday, November 11, 2022 9:15 AM (15 minutes)

Presenters: RIVETTI, Angelo (I.N.F.N. Turin); D'ADDA, Emily and/or Oliver; VERCELLIN, Ermanno (Unito)

Session Classification: Rethinking the contributions of Alessandro

Contribution ID: 3

Type: **not specified**

Alessandro D'Adda: a not at all ordinary man

Friday, November 11, 2022 9:30 AM (25 minutes)

Presenter: D'AURIA, Riccardo (PoliTo)

Session Classification: Rethinking the contributions of Alessandro

Contribution ID: 4

Type: **not specified**

The first adventure in string theory with Alessandro

Friday, November 11, 2022 9:55 AM (25 minutes)

I tell the story of a very unusual collaboration called “Ademollo et al.” or better “il supergruppo” in which former students and young collaborators of Sergio Fubini and Tullio Regge, including Alessandro, in the early 70’s joined their efforts to transform the dual resonance model into a full-fledged string theory.

Presenter: GLIOZZI, Ferdinando (Unito)

Session Classification: Rethinking the contributions of Alessandro

Contribution ID: 7

Type: **not specified**

From Regge calculus to D'Adda calculus: the contribution of Alessandro to quantum gravity and matrix models

Friday, November 11, 2022 11:30 AM (25 minutes)

Presenter: CASELLE, Michele (Unito)

Session Classification: Rethinking the contributions of Alessandro

Contribution ID: 9

Type: **not specified**

Sapporo-Torino collaboration for lattice supersymmetry

Friday, November 11, 2022 11:55 AM (25 minutes)

I would like to talk about the summary of our collaboration with Alessandro D'Adda for lattice supersymmetry developed in last 20 years.

Presenter: KAWAMOTO, Noburu (Sapporo)

Session Classification: Rethinking the contributions of Alessandro

Contribution ID: **10**

Type: **not specified**

Super Yang-Mills on Lattice with Link Approach and Numerical Simulations

Friday, November 11, 2022 12:20 PM (25 minutes)

Presenter: KANAMORI, Issaku (Riken)

Session Classification: Rethinking the contributions of Alessandro

Contribution ID: 12

Type: **not specified**

Covariant hamiltonian supergravity

Friday, November 11, 2022 2:30 PM (25 minutes)

Presenter: CASTELLANI, Leonardo (UPO)

Session Classification: Rethinking the contributions of Alessandro

Contribution ID: 13

Type: **not specified**

From dual amplitudes to string field theory... and back

Friday, November 11, 2022 3:20 PM (25 minutes)

I give a brief overview on recent results in string field theory (SFT) concerning infrared divergent string amplitudes. SFT is constructed in such a way that it reproduces string amplitudes when these are finite. When these are divergent on the other hand, the amplitudes computed from SFT are finite and unambiguous. These amplitudes capture fundamental quantities like vacuum energy shifts and allow to make firm statements about background independence in string theory.

I take the opportunity to point to historical papers from Alessandro and collaborators which pioneered several topics I discuss.

Presenter: MACCAFERRI, Carlo (Unito)

Session Classification: Rethinking the contributions of Alessandro

Contribution ID: 14

Type: **not specified**

Theoretical (kind of) physics of the brain

Friday, November 11, 2022 2:55 PM (25 minutes)

Presenter: PANZERI, Stefano (Hamburg)

Session Classification: Rethinking the contributions of Alessandro

Contribution ID: 17

Type: **not specified**

Alessandro's photographic work

Friday, November 11, 2022 4:15 PM (25 minutes)

Presenters: GRINZA, Paolo; VAULÀ, Silvia

Session Classification: Rethinking the contributions of Alessandro

Contribution ID: **18**

Type: **not specified**

Memories of Alessandro

Friday, November 11, 2022 10:20 AM (25 minutes)

Presenter: DI VECCHIA, Paolo

Session Classification: Rethinking the contributions of Alessandro

Contribution ID: 19

Type: **not specified**

Sharing memories

Friday, November 11, 2022 10:45 AM (15 minutes)

Session Classification: Rethinking the contributions of Alessandro

Contribution ID: 20

Type: **not specified**

Sharing memories

Friday, November 11, 2022 12:45 PM (15 minutes)

Session Classification: Rethinking the contributions of Alessandro