

24.02.2022

Fondazione IDIS, Città della Scienza
Sala Foyer alto Newton

Naples, Italy



echino design

*Intersections between
design, art and science*

On-line Conference

h. 9:00 pm CET

LINK MICROSOFT TEAMS

Chair

Carla Langella
University of Campania "Luigi Vanvitelli", Italy

h. 9:00 - 9:30

Opening

Carla Giusti
Città della Scienza, Italy
Daniela Piscitelli
University of Campania "Luigi Vanvitelli", Italy

h. 9:30

*EchinoDesign: intersection between
design and science*

Valentina Perricone
University of Campania "Luigi Vanvitelli", Italy

h. 9:45

*The sea urchin: an inexhaustible inspiring
model for interdisciplinary research*

Maria Daniela Candia Carnevali
University of Milan, Italy

h. 10:00

Echinoids and architecture: an introduction

James Nebelsick
University of Tübingen, Germany

h. 10:15

*Shape and function in structures:
a focus on echinoids*

Luciano Rosati
University of Naples "Federico II", Italy

h. 10:30

*Bioinspired design of shell structures:
a lesson from echinoids*

Francesco Marmo
University of Naples "Federico II", Italy

h. 10:45

*The strength of clypeasteroids: from biological
necessity to evolutionary optimized technical structures*

Tobias Grun
University of Florida, USA

h. 11:00

RICCIliamo: the second life of sea urchins

Michela Sugni
University of Milan, Italy

h. 11:15

*Sea urchin and starfish as model organisms for
fertilization studies*

Luigia Santella
Anton Dohrn Zoological Station of Naples, Italy

h. 11:30

A living architecture - design with biomimetics

Petra Gruber
University of Applied Arts Vienna, Austria

h. 11:45

*Bio-inspired materials for sustainable architecture
and construction: new research avenues*

Natasha Heil
MAP-MAACC CNRS/ ENSAPLV, Paris, France

h. 12:00

Virtual Exhibition Tour

Erica Cirillo

h. 12:30

Open Discussion

CONFERENCE ORGANIZATION:

Carla Langella, Valentina Perricone,
Gabriele Pontillo, Roberta Angari