

## 12th EASN Conference. ILK Session "Multi-material design and function integration of composites"



In the framework of the 12<sup>th</sup> EASN International Conference, which will be held with physical participation in Barcelona on October 18<sup>th</sup> to 21<sup>st</sup> 2022, Dr. Angelos Filippatos from TU Dresden, organizes a session entitled "Multi-material design and function integration of composites".

New materials and processes expand the design capabilities of multi-material structures, especially of composite structures. Research in the area of multi-material design and function-integration is becoming of great interest with new functions, from traditional sensing and actuating functions up to new challenges, e.g. to integrating recyclability as a function to mechanical systems.

The aim of the session is to discuss new challenges for multi-material design and function-integration in the aerospace on the example of selected contributions. In particular, the subjects include but are not limited to:

- Progress on multi-material design approaches
- Simulation tools for detailed function-integration design
- Manufacturing of composites with multiple functions

Holding this session in Barcelona is a great chance for our network to have an important presence in EASN Conference!

### Related Links:

- [12<sup>th</sup> EASN International Conference](#)
- Follow EASN by Twitter or LinkedIn

- Dresden Center for Intelligent Materials (DCIM) der TU Dresden
- Follow DCIM by Twitter and LinkedIN

**Beginn:**

Dienstag, 18. Oktober 2022, 10:00 Uhr

**Ende:**

Freitag, 21. Oktober 2022, 20:00 Uhr

**Veranstaltungsort:**

Barcelona

Spanien

**Website & Anmeldung:**

Email [angelos.filippatos@tu-dresden.de](mailto:angelos.filippatos@tu-dresden.de)

<https://easnconference.eu/>