



## AACII AEROSPACE MOBILITY NEWS 05/2022

### THE AACII EXPERT TALK ERLANGEN



Pierre Leich Dr Jochen Friedrich IISB Fraunhofer Klaus Jan Ludwig Dr Reitze Johannes Ritter Adrian Sauer Marcus Neugeborn Dr Gerhard Krüger Günay Can Michael Bleier Dr Fritz Merkle Karl Martz Ulrike Trapp Yvonne Schaefer Marlies Koch Florian Hilpert Leo Johann Müller



Ulrike Trapp AACII, Mr Florian Hilpert IISB Fraunhofer



Dr. Fritz Merkle, former member Board of Directors at OHB

With the first AACII Aerospace Congress in mid-2022, the Nuremberg metropolitan region presented its achievements as an innovation + technology hub, which are used all over the world. This was completely new for participants from a wide range of countries. Even regional delegates and exhibitors were amazed by the significant developments that originated here.

Since the dialogues between science and business were assessed as very interesting, this led to the desire to continue intensive expert rounds in a smaller format until the next AACII in early October 2024.

Erlangen's Fraunhofer IISB demonstrated, among other achievements, the latest results of its research. There was a wealth of sensational innovations that are used worldwide. Be it a new environmentally friendly drive explained by Florian Hilpert or materials that can be used in space, as the lecture by Dr. Jochen Friedrich exemplified.

The audience from business and science listened intently to the presentation by Dr Fritz Merkle, a former member of the board of satellite manufacturer OHB. He began with the history of space, addressed current issues, and presented the factors for the near future. The overall picture revealed that the importance of aerospace in the economy is creating entirely new opportunities, including jobs. This was also the case with the outstanding highlights from Siemens Aerospace in the presentation by Marcus Neugeborn, representing Mr Jürgen Nolde, and Yvonne Schaefer from Siemens Aerospace fascinated with a slide show that presented the production process in an almost self-explanatory manner.



Von links: Günay Can & Johannes Ritter Projekt Inferno, Siemens Aerospace, Marcus Neugeborn, Frau Yvonne Schaeff

The Inferno project won the first prize in August 2022, presented by DLR German Aerospace Hamburg. The winning team Günay Can from Nuremberg and Johannes Ritter from Würzburg demonstrated how airplanes can now be used in a similar way to helicopters. The two Franconians completed their studies at the University of Stuttgart with Prof Fasoulas. The first to congratulate was our Bavarian Prime Minister, also patron of the AACII, who also bestowed his greetings on the Astrokids of the AACII. Experts from the group of participants were already looking forward to the next Expert Talk. Remarkably, specialist circles in Germany as well as outside of it inquired for Expert Talk.

## AIRSHOW GRAZ



Colonel Gerhard Köstner, Ulrike Trapp AACII, Prof Michael Weigand Technical University Vienna



Professor Michael Weigand from the Vienna University of Technology presented innovations at Europe's largest air show in Graz. Flying Bulls with Werner Horvath from the sponsoring company Red Bull Salzburg presented an environmentally friendly aircraft made by young mechanics from their workshop. The army with Colonel Gerhard Köstner was also impressed about the sensational flight acrobatics.



## PARIS INTERNATIONAL ASTRONAUTICAL CONGRESS



In the French capital, ESA President Prof Pascale Ehrenfreund opened the IAF International Astro Federation. Many countries were represented, including Emirates Aerospace, which is planning an AACII Expert Talk, and Head of NEOM Aerospace Amru Alamoudi. Both have requested an AACII expert talk.



## PRAGUE EUROPEAN CLUSTER CONFERENCE



The well-known O2 Arena was the meeting point for the European Cluster Conference 2022. Lennart Delpaldo from Düsseldorf presented the Northrhine Westfalia region and Trier University

In his interview, Dr Petr Tomasek announced the intention to hold the next AACII Expert Talk in Prague with Czech decision-makers from the aviation aerospace sectors.

## AMSTERDAM ESA SPACE DAYS



The ESA Space Days took place near Amsterdam. A spectacular opening with Dr Josef Aschbacher impressed the participants. Innovations from all European countries were present at the exhibition stands and there were also German-speaking delegates with Isar Aerospace Sebastian Straube, Jena Optronik Steffen Schwarz, GF Dr Ing Hartmut Henkel and Karten Wagner from Hoerner & Sulger GmbH

## EVENTS OVERVIEW

### JULY 2022

03	06	AACII Congress	Nuremberg, GER
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### AUGUST 2022

29	29	Expert Talk Erlangen Fraunhofer IISB	Erlangen, GER
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### SEPTEMBER 2022

02	03	AirPower Graz	Graz, AUT
18	22	International Astronautical Congress	Paris, FRA
28	29	Industry Space Days	Amsterdam, NED

### OCTOBER 2022

03	06	EU Space Week	Prague, CZE
26	27	New Trends in Civil Aviation, Czech Technical University	Prague, CZE
28	28	Foundation AACII Council	Nuremberg, GER

### NOVEMBER 2022

07	08	Saudi Airport Exhibition	Riyadh, KSA
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### DECEMBER 2022

02	02	AACII Expert Talk Nuremberg	Nuremberg, GER
16	16	AACII Expert Talk Würzburg	Würzburg, GER