

Conference News | What you need to know

Munich Look forward to seven exciting STC meetings today. Between the meeting blocks, we would be delighted if you would join Fritz Klocke from the Fraunhofer-Gesellschaft for a discussion on the topic of "Fraunhofer Research Fab Battery Cells" in the Virtual Coffee Break.

News of our supporters and corporate partners

Munich Innovations in medicine make so much more possible than we ever dared to think. For more than 150 years, our partner **Aesculap** has not only been involved in medical progress, but has actively driven it forward – in surgery, orthopaedics and interventional vascular medicine. Since 1976, Aesculap belongs to the **B. Braun Group** and is thus part of a family-run group with over 64,000 employees in 64 countries. B. Braun is one of the world's leading manufacturers of medical devices and pharmaceutical products and services. Through constructive dialog, B. Braun develops high quality product systems and services that are both evolving and progressive – and in turn improves people's health around the world.

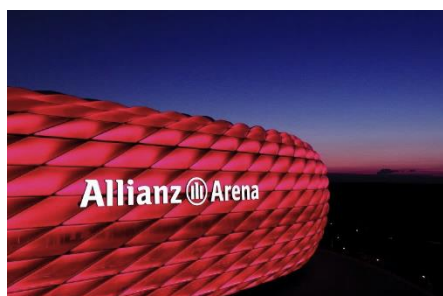


For over 50 years, our partner **Kistler** has been setting standards in cutting force measurement. As an experienced partner, they are there to help you with their extensive technical expertise and their application-specific know-how. Kistler's team of engineers assist you with every step of the process — from planning, commissioning, and on-site system training through to routine maintenance and repairs.






News from our partner **ModuleWorks**: Did you know that ModuleWorks has already completed over 30 successful research projects in 16 countries worldwide? We are always looking for new opportunities to extend our libraries with the latest scientific results. To discover how our solutions help you extend your libraries, follow this link: www.moduleworks.com/cirp2021

Sightseeing | The home of FC Bayern



Munich The Allianz Arena is a football stadium in Munich with a seating capacity of about 70,000. Widely known for its exterior of inflated ETFE plastic panels, the stadium has been nicknamed dinghy. It is the first stadium in the world with a full color-changing exterior. Located at the northern edge of

Weather

-  Munich: 17 °C, rainy
-  Canberra: 13 °C, rainy
-  Rome: 29 °C, rainy

Today's STCs

- STC C | Cutting
- STC Dn | Design
- STC F | Forming
- STC G | Abrasive Process
- STC O | Production Systems and Organizations
- STC P | Precision Engineering & Metrology
- STC S | Surface

Today's Virtual Coffee Breaks

- 14:30 | Fraunhofer Research
Fab Battery Cells,
Fraunhofer-Gesellschaft
Room 'Fraunhofer'

70 years of Munich | 2000–2005

2003: On 25th March, Munich director Caroline Link receives an 'Oscar' in Los Angeles for her film 'Nowhere in Africa.' Her film is based on an autobiographical novel by Stephanie Zweig. This is the first time in 23 years that a German film has been among the winners.

2004: Munich is the venue for the IX. Eurogames, a gay and lesbian sports festival in which 5,000 male and female athletes from 47 countries participate.

Munich's district Schwabing-Freimann, it is the second-largest arena in Germany behind the Westfalenstadion in Dortmund. FC Bayern Munich has played its home games at the Allianz Arena since the start of the 2005/06 season. The large locally based financial services provider Allianz purchased the naming rights to the stadium for 30 years. However, this name cannot be used when hosting FIFA and UEFA events. The football arena hosted the 2012 UEFA Champions League Final and will host the upcoming 2025 final, moved from 2023. What an opportunity to visit Munich!

Leisure | Olympic Park

Munich The Olympic Park in Munich was the venue of the XX. Olympic Games in 1972 and is located in the North-West of Munich. Today it is the venue for sporting events as well as cultural, social or religious services. As of November 2015, the 85-hectare park has hosted over 11,500 events with more than 200 million visitors. For Munich residents, the Olympic Park Munich offers everything at once: relaxation, nature, top-class events and concerts, plus sights such as the Olympic Stadium, the Olympic Hall and the Olympic Tower. This landmark of Munich is located in the middle of the park. At 291 meters, it is Bavaria's second-highest structure after the Nuremberg TV tower. It was built in the late 1960s and serves as an observation tower for visitors. By the end of 2018, over 43 million visitors had climbed the tower since it opened in 1968. The tower also adorns our CIRP logo for the GA 2021.



Ugliest Tie Contest



You have a tie that is too beautiful to show off away from the Ugliest Tie Contest. Perfect! Take part in the Ugliest Tie Contest of this year's GA. We are looking forward to receiving your pictures that you can send to info@cirp2021.de for participating. The Ugliest Tie Contest takes place on Sunday during the Closing Ceremony.

PS: Of course, the 'winning tie' is collected in the CIRP office in Paris as usual.

Bavarian Language | Bavarian vs. English

Heid Omd [haid å:md] | this evening
Spezl [schbäzl] | friend
Hoibe [häiwe] | half liter beer

Heid Omd ess i Wauschtsalod und
dring a Hoibe mid meim Spezl im
Olympiapark.

*This evening I eat sausage salad with
my friend in the Olympic Park.*

Bavarian food | Sausage salad

500 g meat sausage, 2 onions, 6
tablespoons oil, 3 tablespoons white
wine vinegar, 5 g sugar, pepper, salt,
3 tablespoons chives

1. Peel the skin from the meat sausage and cut the sausage into slices. Peel the onions and cut them into rings that are not too thick. Mix both in a salad bowl.
2. Mix oil, white wine vinegar, freshly ground pepper, salt and a pinch of sugar to make a spicy marinade.
3. Pour over the Bavarian sausage salad, mix in briefly and let stand, covered, in the refrigerator for at least 30–45 minutes.

**Shortly before serving, garnish with
finely chopped chives. Enjoy!**



70 years of Munich | 2000–2005

2005: The Munich football stadium Allianz Arena opens.

2005: On 19th April, Joseph Cardinal Ratzinger becomes Pope. The election is a special day of joy for Munich, because with him an archbishop from Munich-Freising has attained the papal dignity for the first time.