

# EMC Europe 2020, Roma

**Virtual conference**

September 23-25, 2020

Jan Carlsson, Provinn & Chair ISC EMC Europe



# Background

- EMC Europe 2020, Roma
  - Originally planned for September 7-11 as a “normal” conference
  - Eventually became a virtual conference September 23-25
- Format
  - Zoom platform
  - Pre-recorded videos, 15 min duration
  - Four parallel sessions, plenary open and closing sessions
  - Sponsor and exhibitor presentations during breaks
  - Presenting authors had to register, free for online attendees
- Some other facts
  - 320 submitted papers from 39 countries, 267 papers in the proceedings
  - > 500 registered attendees



# Personal reflections from the week

- **Overall impression – Much better than I expected!**
- **Execution**
  - The technique worked flawlessly
  - High level presentations, well prepared
  - Sessions kept the time schedule, convenient to jump between sessions
- **Other positive aspects**
  - Accessible to all – for free!
  - Material even accessible after the conference, for those paying
  - No travel, cost and environmental aspects...
  - Lower barrier for posing questions, promotes discussions



# Personal reflections from the week

- **Negative aspects**
  - No travel, always nice to visit new places and cultures
  - Time difference, might be troublesome for some attendees
  - Easy to be distracted, lose focus
- **Most importantly – What I miss in the virtual world...**
  - Meeting people, personal interactions
  - Social events, welcome reception, gala dinner,...
  - This year; the city of Rome



*Let's hope we can arrange EMC Europe 2022 in Gothenburg as a "normal" conference...*



# EMC Europe – The history

- EMC Europe International Symposium on Electromagnetic Compatibility
  - Established in 2010 by the merge of;
    - EMC Roma, since 1994
    - EMC Wroclaw, since 1972
    - EMC Zurich, since 1975
- Nowadays, EMC Europe is the leader of EMC conferences in Europe and is very well recognized worldwide



# EMC Europe

- Aim
  - Organize international symposia with a high scientific level
  - Promote EMC research, innovation and international cooperation
- Annually in different countries
- Organization
  - International Steering Committee (ISC)
  - International Advisory Board (IAB)
  - Local Organizing Committee (LOC)
  - Editorial Board (EB)
  - Foundation

Glasgow  
2021

York  
2011

Gothenburg  
2014, 2022

Amsterdam  
2018

Brugge  
2013

Wrocław  
2010, 2016

Kraków  
2023

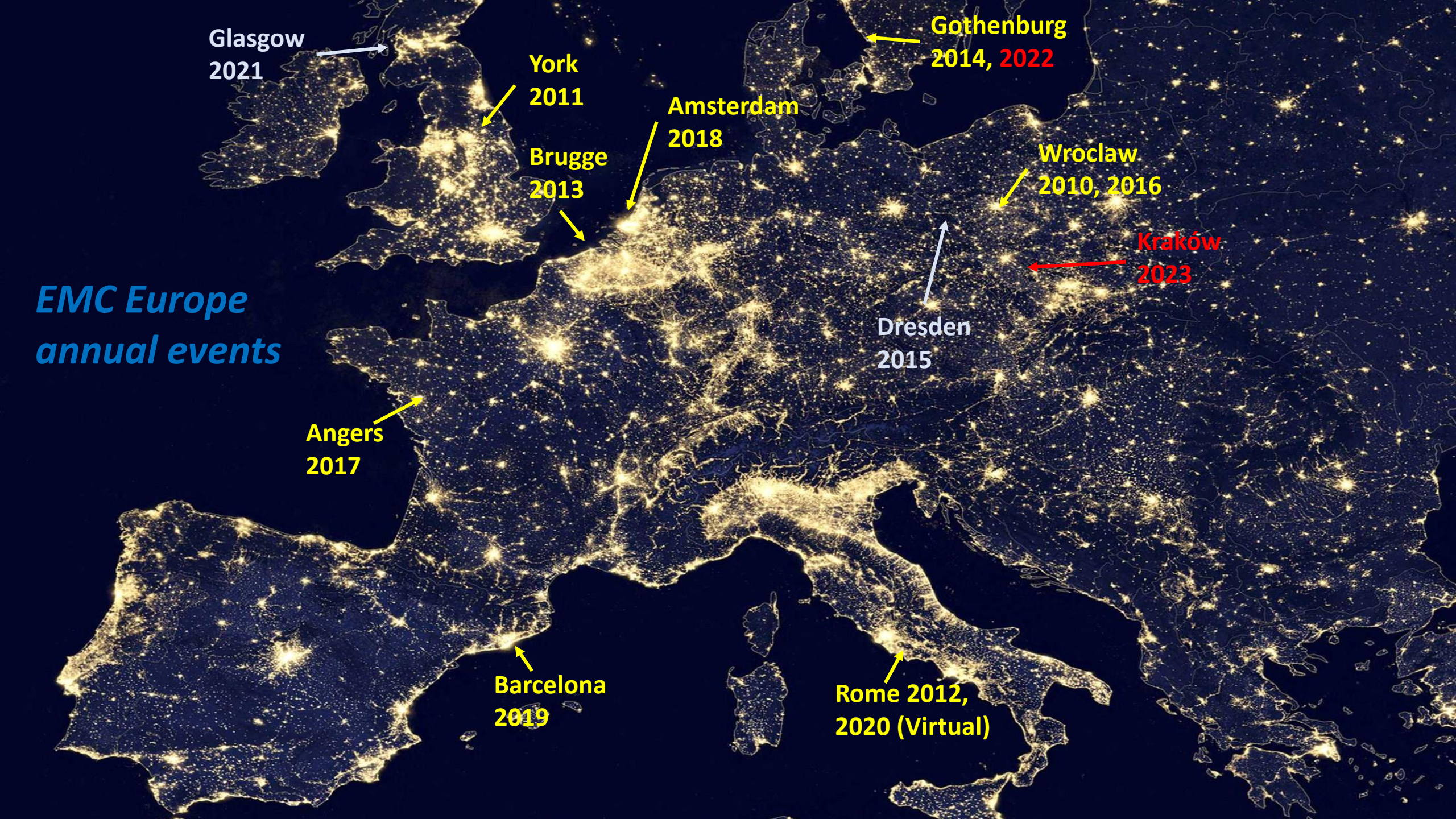
Dresden  
2015

*EMC Europe  
annual events*

Angers  
2017

Barcelona  
2019

Rome 2012,  
2020 (Virtual)





EMC EUROPE 2022



GOTHENBURG, SWEDEN

# gothenburg

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EMC Europe 2022

5-8 September, Gothenburg, Sweden

IEEE EMC Chapter meeting, November 13, 2020





# Local Organizing Committee 2022

- \*Jan Carlsson, Conference Chair
- Torbjörn Persson, Conference Co-Chair
- Kia Wiklundh, Technical Program Chair
- \*Peter Stenumgaard, Technical Program Co-Chair
- \*Dan Wallander, Exhibition & Sponsorship Chair
- Björn Bergqvist, Tutorial & Workshop Chair
- Tomas Bodeklint, Tutorial & Workshop Co-Chair

# Same venue as in 2014

Swedish Exhibition & Congress Centre – Europe's largest fully integrated hotel and congress facility  
20 minutes from airport, airport bus stop outside – **Booked for 5-8 September 2022**

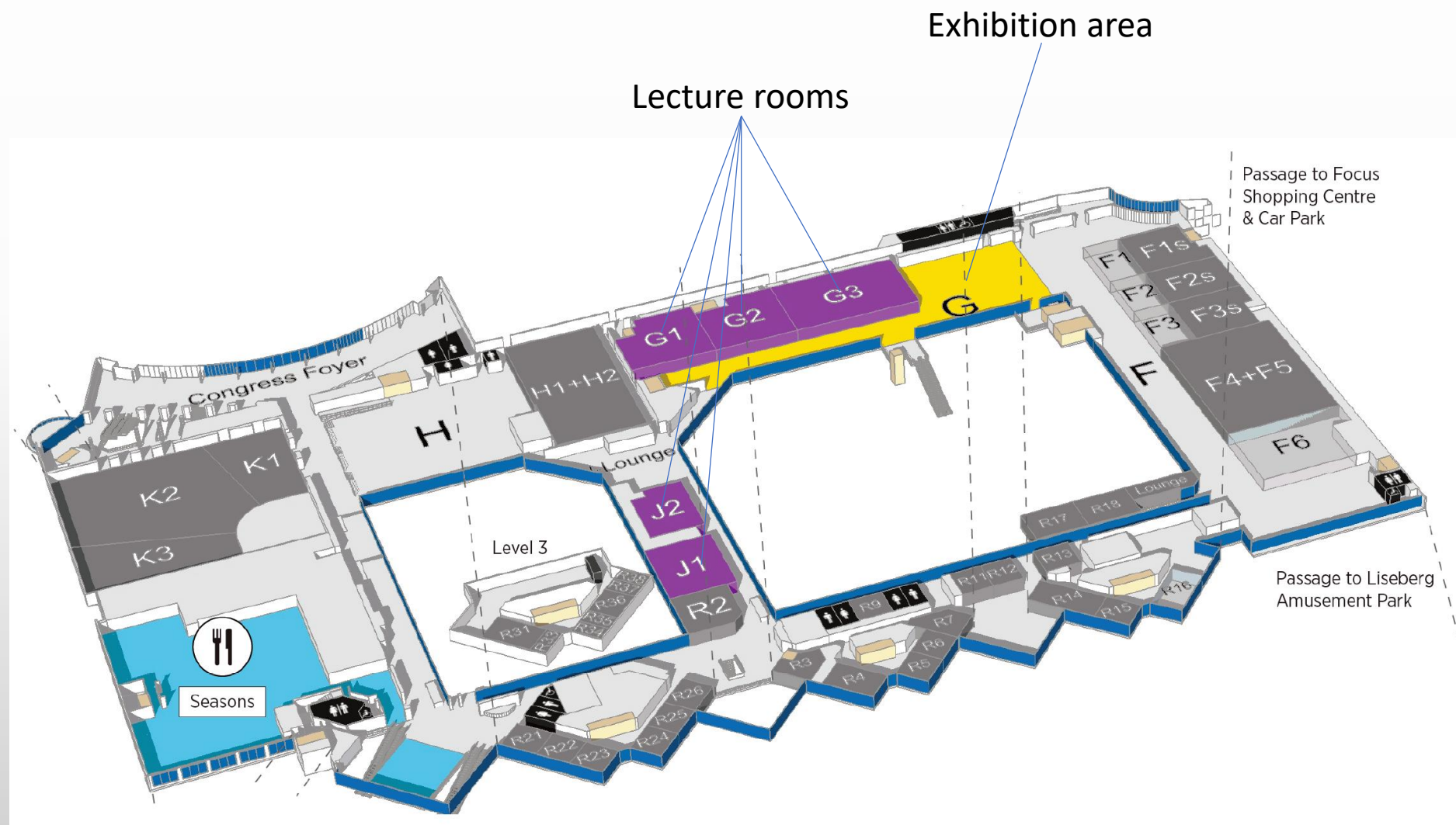




# Preliminary floor plan

- Room capacities

- G1 - 220
- G2 - 220
- G3 - 500
- J1 - 180
- J2 - 120





# EMC Europe – Submitted papers

Wroclaw	189	2010
York	195	2011
Rome	351	2012
Bruges	235	2013
<b>Gothenburg</b>	<b>312</b>	<b>2014</b>
<b>Dresden (joint with IEEE)</b>	<b>?</b>	<b>2015</b>
Wroclaw	210	2016
Angers	229	2017
<i>Amsterdam</i>	<i>227</i>	<i>2018</i>
<i>Barcelona</i>	<i>249</i>	<i>2019</i>
<i>Rome (virtual)</i>	<i>281 + 39 (APEMC)</i>	<i>2020</i>
<b><i>Glasgow (joint with IEEE)</i></b>	<b>-</b>	<b>2021</b>
<i>Gothenburg</i>	-	2022



# Goals for EMC Europe 2022

**EMC Europe 2014 was a big success – We will make 2022 better, in all respects!**

- Outcome 2014
  - Submitted papers: **312**
  - Number of participants: **523**
  - Number of exhibitors: **36**
  - Number of sponsors: **4**
- Goals 2022
  - Submitted papers: **400**
  - Number of participants: **600**
  - Number of exhibitors: **40**
  - Number of sponsors: **10**

**We need many papers from Sweden!  
&  
Exhibitors and sponsors!**



# Preliminary program – Overview

## **Day 1**

Registration, short courses and workshops  
Exhibition installation  
ISC dinner

## **Day 2**

Opening session, oral and poster sessions  
Exhibition  
Welcome reception

## **Day 3**

Oral and poster sessions  
Exhibition  
Symposium dinner

## **Day 4**

Oral and poster sessions

**Morning and afternoon coffee breaks will be held  
in the exhibition area all days**





# Social events

- Day 1 – Welcome reception
  - Preferably to be held in the exhibition area
  - Need to contact City of Gothenburg for sponsorship (+additional sponsor?)
  
- Day 3 – Symposium dinner
  - Preferably to be arranged outside of venue
  - Kajskul 8 could be one alternative



# Possible places for social events





# Keynote speakers

- In 2014 we had three keynote speakers, one of which was Swedish
- In 2014 we had a theme – “yesterday – today – tomorrow”
  - Would be nice to have a theme also in 2022 ...
- Some names...
  - Chris Holloway, NIST (was talking 2014)
  - Perry Wilson, NIST
  - Bruce Archambeault
  - Farhad Rachidi, EPFL
  - Someone from Swedish automotive or military industry?



# Miscellaneous

- Tours, study visits on the day after the conference?
  - AWITAR, Grimeton, Volvo Brand Experience Centre, ...
  - Self-financed and/or sponsored
- ...




**EMC Europe 2014**  
International Symposium on Electromagnetic Compatibility  
September 1-4, 2014, Gothenburg, Sweden  
First announcement

**Dear colleagues**

We are pleased to invite you to participate at the EMC Europe 2014 International Symposium on Electromagnetic Compatibility, to be held at the Swedish Exhibition & Congress Centre in Gothenburg, Sweden, September 1-4, 2014.

EMC Europe is the leading EMC Symposium in Europe building on a long tradition. The series of independent EMC Symposia based in Wroclaw, Zurich and Rome running every second year, has now merged into EMC Europe which is organized every year in a European city to provide an international forum for the exchange of technical information on EMC.

Gothenburg is a beautiful city of high standards, offering both historical and modern conference venues, hotels, restaurants, infrastructure and places of interest. Gothenburg has proved to be an excellent convention city with a centrally located, top modern convention centre designed to meet the requirements of the 21st century. Gothenburg has hosted many international meetings with great success and offers a completely affordable place for large meetings. We cordially invite Gothenburg and the venue. The Swedish Exhibition & Congress Centre will provide ideal for the conference.

Gothenburg is easily accessible from around Europe with more than 10 non-stop connections from almost all European destinations. The two international airports are only 30 minutes by shuttle bus from the city centre. Thanks to the compact city centre the main convention centre is within walking distance of hotels, restaurants, shops, museums and entertainment.

It is our pleasure to host the EMC Europe 2014 Symposium and we look forward to welcoming you to Gothenburg.

The local organizing team of the EMC Europe 2014.

[www.emceurope2014.org](http://www.emceurope2014.org)



**First Call for Papers**  
**EMC Europe 2014**  
International Symposium on Electromagnetic Compatibility  
September 1-4, 2014, Gothenburg, Sweden

**The Symposium**      **Technical Scope**

EMC Europe, the leading EMC Symposium in Europe, will be held at The Swedish Exhibition & Congress Centre in Gothenburg, Sweden from September 1st to September 4th, 2014. We are pleased to invite and encourage all those working in the field of electromagnetic compatibility to participate in this prestigious event.

EMC research and conferences in Europe have a long tradition. The series of independent EMC Symposia based in Wroclaw, Zurich and Rome running every second year, has now merged into EMC Europe which is organized annually in a European city to provide an international forum for the exchange of technical information on EMC.

EMC Europe 2014, Gothenburg, will consist of four days oral and poster presentations, workshops, tutorials, special sessions and an exhibition. The organizers aim at making this a technical rewarding conference and your stay in Gothenburg a very pleasant one.

Authors are invited to submit original contributions on all EMC-related aspects in the technical areas listed in the following. Only full 2-column papers 4-6 pages in length, in IEEE format, will be considered by the deadline. The paper should clearly explain the originality and the relevance to EMC, and should be uploaded in PDF-format through the symposium web-site ([www.emceurope2014.org](http://www.emceurope2014.org)) where detailed guidelines and paper templates can be found.

All submitted papers will be evaluated by a peer review process and accepted papers presented as either poster or orally will be available in IEEE Xplore. In addition, workshops, tutorials and other special sessions will be organized to provide up-to-date practical help to those new to the subject or requiring an update, as well as to address in-depth topical subjects.

[www.emceurope2014.org](http://www.emceurope2014.org)



**Final Call for Papers**  
**EMC Europe 2014**  
International Symposium on Electromagnetic Compatibility  
September 1-4, 2014, Gothenburg, Sweden

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**Exhibition Invitation**  
**EMC Europe 2014**  
International Symposium on Electromagnetic Compatibility  
September 1-4, 2014 Gothenburg, Sweden

We welcome you to participate as an exhibitor at EMC Europe 2014.

EMC Europe 2014 is the recurrent natural meeting place for people working with EMC – internationally and nationally – and for those who place high demands on a conference and exhibition event. EMC Europe is organized every year in one prominent city in Europe. In 2014 it is time for Gothenburg.

The conference will take place at The Swedish Exhibition & Congress Centre, in the centre of Gothenburg, Sweden.

The exhibition in connection with the conference gives you as an exhibitor a unique platform for doing business and make important contacts. You meet the right people, at the right time and in the right context.

Do you want to establish new customer relationships and meet people who can affect the future of your business, then EMC Europe 2014 is the event to invest in.

Welcome to occupy a prominent place on the EMC Europe 2014's exhibition.

[www.emceurope2014.org](http://www.emceurope2014.org)



**Sponsor Invitation**  
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# Important dates 2022

- **Paper submission deadline – Feb. 16**
- **Workshop/Tutorial proposal deadline – March 16**
- **Review deadline – March 25**
- **Final paper submission deadline – May 15**
- **Registration open – May 1**



# EMC Europe 2022

September 5-8 Gothenburg Sweden

Welcome to Gothenburg in 2022!

