Renaissance meets advancing technology

2020 IEEE Radar Conference

Florence, Italy / September 2020 proposal presentation
Proposal of hosting the 2020 IEEE Radar Conference in Florence, submitted by Fulvio Gini and Maria S. Greco

Tentative dates:
• September, 21-25, 2020
Renaissance meets advancing technology.

Florence, a unique mix of beauty, culture, and genius to inspire the future.
UNESCO World Heritage site Florence is one of the most attractive cities in the world. Located on the famous Piazza della Signoria.
The whole town is an open sky museum, with masterpieces from the Middle ages.

*The Old Bridge “Ponte Vecchio”*
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Florence is the Tuscany capital, just in the middle between Milan and Rome.

Tripadvisor
Travelers’ Choice top 10 World Destinations
Destinations Family Friendly Cities in Europe
Destinations for Culture & Sightseeing in Europe
Conde Nast Traveler’s choice
Top 3 Italian destination for international congresses – ICCA ranking
Renaissance meets advancing technology

Florence airport is very well connected with all the European hubs of the main Air Alliances, with daily direct flights from the main European destinations.

Easy to reach from all over the World with maximum 1 stop.

<table>
<thead>
<tr>
<th>TO/FROM</th>
<th>FREQUENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMSTERDAM</td>
<td>5/day</td>
</tr>
<tr>
<td>BARCELONA</td>
<td>2/day</td>
</tr>
<tr>
<td>BERLIN</td>
<td>1/day</td>
</tr>
<tr>
<td>BRUXELLES</td>
<td>2/day</td>
</tr>
<tr>
<td>FRANKFURT</td>
<td>6/day</td>
</tr>
<tr>
<td>GENEVE</td>
<td>2/day</td>
</tr>
<tr>
<td>LONDON</td>
<td>2/day</td>
</tr>
<tr>
<td>MADRID</td>
<td>2/day</td>
</tr>
<tr>
<td>VIENNA</td>
<td>2/day</td>
</tr>
<tr>
<td>MUNICH</td>
<td>4/day</td>
</tr>
<tr>
<td>PARIS</td>
<td>8/day</td>
</tr>
<tr>
<td>ROME</td>
<td>4/day</td>
</tr>
<tr>
<td>ZURICH</td>
<td>3/day</td>
</tr>
<tr>
<td>TEL AVIV</td>
<td>1/day</td>
</tr>
</tbody>
</table>

4 Km far from the city center
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Nearby airports

- **Malpensa - MILAN**
  - 100 min by train.
  - Direct Flights from all over the world.

- **Galileo Galilei - PISA**
  - 50 min by direct shuttle bus.
  - Many direct low cost flights.

- **Guglielmo Marconi - BOLOGNA**
  - 80 min by direct shuttle bus.
  - Many direct low cost flights and direct flights from Dubai, Istanbul, Moscow.

- **Leonardo Da Vinci - ROME**
  - 135 min by train.
  - Direct Flights from all over the world.
The venue

An exclusive area
(enclosed within walls)
in one of the most beautiful and visited art cities in the world.

EUSIPCO 2006
(900 attendees)

ICASSP 2014
(2700 attendees)
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The Conference Center: Palazzo dei Congressi and Palazzo degli Affari

Transportation in town is not needed because everything is within walking distance:

- 10 min. to the Duomo
- 13 min. to Palazzo Vecchio
- 15 min. to Ponte Vecchio
- 3 min. to the Central Railway Station (just across the street)
Palazzo dei Congressi:
is hosted inside the 19th century Villa Vittoria.

An historical venue for the main events:

• Tutorials
• Opening Ceremony
• Inaugural Plenary Talk
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The venue

Palazzo dei Congressi

The Auditorium can accommodate more than 1000 people.
Palazzo degli Affari is a modern, multifunctional modular space with a total area of more than 4,000 square meters.

- Registration area
- Oral Sessions
- Poster Area
- Exhibition Area
- Plenary Sessions
- Coffee Break Areas
Ground floor:
- Registration Area
- Poster Area
- Exhibition Area
- Coffee Break Area

First floor:
- Plenary room (450 seats)
- Oral Session Room 1 (150 seats)

Second Floor
- Oral Session Room 2 (120 seats)
- Oral Session Room 3 (90 seats)
- Oral Session Room 4 (90 seats)
The Welcome Reception will be held in the Garden of the conference venue on Monday evening and will be offered by the City of Florence.
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A: Opening Ceremony/Inaugural Plenary Talk
B: Tutorial Rooms
C: Welcome Reception
D: Oral Sessions/Poster Sessions/Exhibition Area/Coffee Break Areas/Registration Desk
### Program at glance

**Monday and Friday:**
12-16 tutorials

**Tuesday, Wednesday, Thursday:**
4 plenary talks, 24 oral sessions, 20 poster sessions

**No overlap between oral and poster sessions!**

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday and Friday: 12-16 tutorials</th>
<th>Tuesday, Wednesday, Thursday: 4 plenary talks, 24 oral sessions, 20 poster sessions</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00-08:30</td>
<td>Breakfast</td>
<td>Plenary Talk</td>
</tr>
<tr>
<td>08:30-09:00</td>
<td>Oral 1 (5)</td>
<td>Oral 2 (5)</td>
</tr>
<tr>
<td>09:00-10:00</td>
<td>Oral 3 (5)</td>
<td>Oral 4 (5)</td>
</tr>
<tr>
<td>10:00-11:00</td>
<td>Coffee break</td>
<td>Plenary Talk</td>
</tr>
<tr>
<td>10:40-12:10</td>
<td>Poster 1 (10)</td>
<td>Poster 2 (10)</td>
</tr>
<tr>
<td>12:10-13:40</td>
<td>Lunch</td>
<td>Poster 3 (10)</td>
</tr>
<tr>
<td>13:40-14:40</td>
<td>Plenary Talk</td>
<td>Poster 4 (10)</td>
</tr>
<tr>
<td>14:40-16:40</td>
<td>Oral 1 (5)</td>
<td>Oral 2 (5)</td>
</tr>
<tr>
<td>16:20-17:50</td>
<td>Coffee break</td>
<td>Oral 3 (5)</td>
</tr>
<tr>
<td>17:50-19:30</td>
<td>Poster 1 (10)</td>
<td>Oral 4 (5)</td>
</tr>
<tr>
<td>19:30-22:30</td>
<td>Conference Banquet/Concert</td>
<td></td>
</tr>
</tbody>
</table>
Accommodation

<table>
<thead>
<tr>
<th>Hotels / N. of rooms</th>
<th>5 stars</th>
<th>4 stars</th>
<th>3 stars</th>
<th>2 stars</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking distance</td>
<td>645</td>
<td>3.823</td>
<td>2.941</td>
<td>1.002</td>
<td>8.411</td>
</tr>
<tr>
<td>In the nearby</td>
<td>175</td>
<td>587</td>
<td>311</td>
<td>113</td>
<td>1.186</td>
</tr>
<tr>
<td>Outside the city centre</td>
<td>191</td>
<td>2.640</td>
<td>1.076</td>
<td>181</td>
<td>4.088</td>
</tr>
<tr>
<td>Total</td>
<td>1.011</td>
<td>7.050</td>
<td>4.328</td>
<td>1.296</td>
<td></td>
</tr>
</tbody>
</table>

More than 9500 rooms within walking distance
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<table>
<thead>
<tr>
<th>Rating</th>
<th>Hotels</th>
<th>Bedrooms</th>
<th>Beds</th>
<th>Price range €</th>
</tr>
</thead>
<tbody>
<tr>
<td>*****</td>
<td>17</td>
<td>986</td>
<td>2,695</td>
<td>390-450</td>
</tr>
<tr>
<td>****</td>
<td>91</td>
<td>6,952</td>
<td>15,142</td>
<td>240-290</td>
</tr>
<tr>
<td>***</td>
<td>144</td>
<td>4,336</td>
<td>9,914</td>
<td>130-210</td>
</tr>
<tr>
<td>**</td>
<td>79</td>
<td>1,236</td>
<td>2,722</td>
<td>90-150</td>
</tr>
<tr>
<td>*</td>
<td>49</td>
<td>496</td>
<td>1,074</td>
<td>50-70</td>
</tr>
<tr>
<td>Tot.</td>
<td>380</td>
<td>14,006</td>
<td>31,547</td>
<td></td>
</tr>
</tbody>
</table>

Centrally located

75% of Hotels within walking distance from the Congress Center

Elegant and exclusively designed Hotels with a high standard of quality offered in all categories of accommodation
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12 millions of visitors and 9 milions overnights in 2015

HOTEL BAGLIONI

HOTEL OROLOGIO

HOTEL AMBASCIATORI
Social events

Florence, the best place where to meet and enjoy beauty.
The Conference Banquet: “Salone de’ Cinquecento”
Located on the first floor of the historic Palazzo Vecchio, the hall is surrounded by statues by Michelangelo and frescos by Vasari, and is the most exclusive location in Florence.

The Salone de’ Cinquecento will be exceptionally offered by the City of Florence.
The Conference Banquet: "Salone de’ Cinquecento"

Located on the first floor of the historic Palazzo Vecchio, the hall is surrounded by statues by Michelangelo and frescos by Vasari, and is the most exclusive location in Florence. The Salone de’ Cinquecento will be exceptionally offered by the City of Florence.

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Social events
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A concert at the new Opera House
A team of skilled professionals with outstanding experience in managing events.
Honorary chair

ALFONSO FARINA
Consultant, Leonardo SpA,
Scientific Advisor: Land and
Ground Radar Division,
Rome, Italy

• IEEE Fellow, FIET, FREng, Fellow of EURASIP
• AESS BoG member (2011-16)
• RSP Member
• 2010 IEEE Dennis Picard Medal
• General Chair of IEEE RadarCon2008
• AESS Distinguished Lecturer
• Chair of the IEEE Outstanding Organisational Leadership Award Committee

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Alfonso and the IEEE RadarCon2008 Italian Team
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General co-chairs

FULVIO GINI
University of Pisa

- IEEE Fellow
- AESS BoG member
- RSP member
- Civilian Radar Committee Chair
- EURASIP President (2012-2016)
- SPS Awards Board member (2016-18)
- General co-Chair IEEE ICASSP 2014, CoSeRa 2013, 2015, 2016, CIP 2010
- Member of the technical committees of more than 30 conferences over last 20 years
- Associate Editor IEEE Trans. AES
- 2003 Fred Nathanson Young Engineer of the Year
- IEEE AESS Barry Carlton Award for 2012 and 2001 Best Papers

MARIA S. GRECO
University of Pisa

- IEEE Fellow
- SPS and AESS BoG member
- RSP Past Chair
- General co-Chair of IEEE CAMSAP 2011 and WDD 2007
- Technical co-Chair CoSeRa 2015, CIP 2010.
- Member of the technical committees of more than 30 conferences over last 20 years
- 2008 Fred Nathanson Young Engineer of the Year
- IEEE AESS Barry Carlton Award for 2012 and 2001 Best Papers
Technical Program co-chairs

ANTONIO DE MAIO
University of Naples “Federico II”

- IEEE Fellow
- RSP member
- 2010 Fred Nathanson Young Engineer of the Year
- Student Paper Contest co-Chair ICASSP 2014

PIERFRANCESCO LOMBARDO
University of Rome “Sapienza”

- IEEE Member
- RSP member
- Technical Editor IEEE Trans on AES
- Technical co-Chair IEEE RadarCon2008
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Organizing committee

Plenary Sessions co-Chairs

MOENESS AMIN
Villanova University, USA

VITO PASCAZIO
University of Naples "Parthenope", Italy

Special Sessions co-Chairs

FABIOLA COLONE
University of Rome “Sapienza”, Italy

MARCO LOPS
University of Cassino, Italy

DANIEL O’HAGAN
University of Cape Town, South Africa

Tutorial co-Chairs

FREDERIC PASCAL
CentraleSupelec, Paris, France

GIUSEPPE RICCI
University of Salento, Lecce, Italy
Organizing committee

Student Contest co-Chairs

AUGUSTO AUBRY
University of Naples “Federico II”, Italy

MONICA BUGALLO
Stony Brook University, USA

Publicity co-Chairs

EMANUELE GROSSI
University of Cassino, Italy

PIETRO STINCO
CMRE, La Spezia, Italy

Conference Secretariat

LAURA BERNARDINI
MARCO GAZZARRINI
FIRST CLASS, Livorno, Italy

Publications

VINCENZO CAROTENUTO
University of Naples “Federico II”, Italy

DANILO ORLANDO
Università “Niccolò Cusano”, Rome, Italy

Local Arrangements Chair

LUCA FACHERIS
University of Florence, Italy

IET Liaison

MICHELE FIORINI
Leonardo, Rome, Italy

Web Master

STEFANO FORTUNATI
University of Pisa, Italy
Conference Secretariat

**First Class srl, Livorno (Tuscany) and London**

- 1.200+ small/medium sized meetings on its records
- 1.000+ Continuing Medical Education Courses
- 300+ Conferences with more than 200 attendees
- 35+ Conferences with more than 500 attendees
- 5 IEEE conferences

**Major Future Events:** ESGAR 2021, Rome (4.000+ attendees)

[www.fclassevents.com](http://www.fclassevents.com)
Preliminary budget

Budget for 400 attendees (same registration fees as Philadelphia 2015).

<table>
<thead>
<tr>
<th>INCOME</th>
<th>BUDGET ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Registration Fees</td>
<td>304,450.00€</td>
</tr>
<tr>
<td>2. Conf. Publicat. Sales</td>
<td>0.00€</td>
</tr>
<tr>
<td>3. Exhibits</td>
<td>0.00€</td>
</tr>
<tr>
<td>4. Social Functions</td>
<td>1,100.00€</td>
</tr>
<tr>
<td>5. All Other Receipts</td>
<td>0.00€</td>
</tr>
<tr>
<td>6. Total Conf. Income</td>
<td>305,550.00€</td>
</tr>
<tr>
<td>7. Conference Loans</td>
<td>0.00€</td>
</tr>
<tr>
<td>8. Total Receipts</td>
<td>305,550.00€</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EXPENSE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>9. Promotion</td>
<td>13,010.00€</td>
</tr>
<tr>
<td>10. Conf. Publicat.</td>
<td>4,100.00€</td>
</tr>
<tr>
<td>11. Exhibits</td>
<td>0.00€</td>
</tr>
<tr>
<td>12. Social Functions</td>
<td>74,400.00€</td>
</tr>
<tr>
<td>13. Administration</td>
<td>157,700.00€</td>
</tr>
<tr>
<td>14. All Other Expenses</td>
<td>0.00€</td>
</tr>
<tr>
<td>15. Total Conf Exp.</td>
<td>249,210.00€</td>
</tr>
<tr>
<td>15a. 2% Admin. Fee</td>
<td>4,984.20€</td>
</tr>
<tr>
<td>15b. Total Conf Exp + Admin. Fee</td>
<td>254,194.20€</td>
</tr>
<tr>
<td>16. Loan Repayments</td>
<td>0.00€</td>
</tr>
<tr>
<td>17. Total Outlays</td>
<td>254,194.20€</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SURPLUS/(LOSS)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>18. Total Receipts (Pre-Loan)</td>
<td>305,550.00€</td>
</tr>
<tr>
<td>19. Total Outlays (Pre-Loan)</td>
<td>254,194.20€</td>
</tr>
<tr>
<td>20. Surplus (Loss)</td>
<td>51,355.80€</td>
</tr>
</tbody>
</table>
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Experiences
A BEAUTIFUL TUSCANY

Art & Culture, shopping, wellness and spa, experiences.
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Pisa, “Piazza dei Miracoli”
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Siena, “Piazza del Campo”
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Lucca, “Piazza Anfiteatro”
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San Gimignano
Renaissance meets advancing technology

Crete Senesi
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Chianti area
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The Versilia Riviera
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Carrara, marble quarries and workmanship
A complimentary city information desk, with the possibility of buying tours and activities, will be in operation during the whole event.
The Mayor and the Municipality of the City of Florence, the Tuscan Region, the Chamber of Commerce, and the Convention Bureau are happy to endorse the IEEE RadarConf2020 and welcome the Radar Community to Florence.
object: IEEE Radar Conference 2020

Dear Prof. Gini and Prof. Grasso,

The city of Florence is honored to submit its candidacy to host the IEEE Radar Conference 2020.

Florence Convention & Visitors Bureau is a non-profit organization established in 1990 with the aim of promoting Florence as one of the leading meeting, conference and event destinations in the world. With the strong support of Institutions, FCVB is the only organization of its kind able to contact local and national governmental offices, administrative, private firms and cultural institutions. Florence Convention Bureau works in close synergy with its members to offer the most professional and qualified solutions for event organizers.

For all these reasons, we believe that Florence will represent the perfect destination for you, and in order to show our strong will to host your conferences in our beautiful city, we will put at your disposal all the following benefits:

- Prestigious Venues: Rental for free for the social dinner & conference in a prestigious institutional location such as Palazzo Vecchio – Salone dei Cinquecento and Florence Opera House.
- Lift Welcome Cocktail for free inside the conference center (terms of proposal in attachment).

GENERAL SUPPORT:
- Welcome desk at the airport for free during the arrival days.
- FCVB Congress Card: discounts on main services (restaurants, taxis, museums...)
- Promotional Materials (City Map, Brochures, etc.)
- Complimentary city information desk with the possibility of selling tours and activities
- Free TecWorkshop, personalized digital screens with information on the sessions, dates and locations.
- Free APP of the Conference, with all the information on sessions, meeting areas and general information, with speaker and program management.

Looking that the candidacy of Florence, with all our support, will be fully accepted and approved. Thank you.

Best regards,

Simona Billi, President
Florence Convention & Visitors Bureau
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Renaissance meets advancing technology

Object: IEEE Radar Conference 2020

Dear Prof. Giri and Prof. Greco,

The city of Florence is honored to submit its candidacy to host the IEEE Radar Conference 2020.

We would be honored and proud to share our historical heritage, our art, our architecture, as well as our hospitality with the participants of the IEEE Radar Conference in 2020. Having all the necessary elements for hosting such an important international event, we hope to share with you our city's treasures, its cultural traditions, our visitor-friendly structures and all the natural beauties of Tuscany.

Hoping that the candidacy of Florence, with the support of the entire region, will be fully accepted and approved, we look forward to hearing from you.

Best regards,

[Signature]

[Name]
In summary: why Florence?

Easy to reach, in the middle of Italy

Good and healthy food

Experienced and highly motivated organizing committee

One of the most beautiful cities in the world

Unique historical heritage

An open sky museum famous worldwide

Green, small, clean, safe

RadarConf2020 will be supported by Leonardo S.p.A.
Thanks for your attention!