2023 IEEE R10 Symposium

LOCATION: Canberra, Australia
VENUE: University of New South Wales, Canberra
DATES: Wednesday 6 September – Friday 08 September 2023
OUTLINE

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Technology for an Autonomous World
CANBERRA: Australia’s National Capital

We share the treasures and stories of our nation through:
- the seat of Federal Parliament in Australia
- world-class exhibitions
- national attractions
- museums
- archives
- memorials
- galleries

Canberra is a gracious, planned city with:
- serene landscape
- surrounded by mountains, forests, rivers and lakes
- featuring a kaleidoscope of colours and experiences that unfold in harmony with four distinct seasons

Unlimited entertainment from:
- hip urban precincts
- industrial laneways
- hideaways housing eateries
- boutiques
- bars.

Canberra – The Knowledge Capital
- through its focus on investment in innovation and technology.
- plays a crucial role in promoting and investing in drivers of innovation such as the CBR Innovation Network
- provides seed funding to commercialise new ideas.

We welcome IEEE R10 Symposium to the meeting place of Australia.

LOCATION:
- 281km southwest of Sydney
- 660km north-east of Melbourne
MEETING VENUE – University of New South Wales

UNSW Canberra at the Australian Defence...
LOCATION MAP OF 2023 TENSYMP

2023 IEEE R10 Symposium will be held at the Lecture Theatre North (Building 32).
CONFEREECE DATES

PRIMARY DATE

We are currently holding space at the University of New South Wales, Canberra.

• CONFERENCE: Wednesday 6 September – Friday 8 September 2023

TIMELINE FOR CONFERENCE

1. Special Session / Workshop Proposals
2. Notification of Acceptance of Special Session Workshops
3. Regular Paper and Special Session Paper Submission
4. Notification of Paper Acceptance
5. Camera Ready Submission

27 February 2023
5 March 2023
19 March 2023
15 May 2023
30 May 2023
ORGANISING COMMITTEE MEMBERS

GENERAL CO-CHAIR
AMBARISH NATU

GENERAL CO-CHAIR
XIUPING JIA

TECHNICAL PROGRAM CO-CHAIR
DAOYI DONG

TECHNICAL CO-CHAIR
KATHRYN KASMARK

TECHNICAL PROGRAM CO-CHAIR
HEMANT SINGH

TECHNICAL PROGRAM CO-CHAIR
FEI MA

TECHNICAL PROGRAM CO-CHAIR
FANGBAO TIAN

INDUSTRY PROGRAM CO-CHAIR
NAN YANG

WORKSHOP CO-CHAIR
CHATHURKA MEDIWATHTHE

INTERNATIONAL LIASON
HARK HOE TAN

INDUSTRY PROGRAM CO-CHAIR
LILY QIAO

WORKSHOP CO-CHAIR
ANTHONY JONES

WIE AND STUDENT ACTIVITIES
CHAIR
JIHUI ZHANG

FINANCE CHAIR
RUSSELL GENTLE

WEBSITE AND SOCIAL MEDIA CHAIR
JETA VEDI

TECHNICAL CO-CHAIR
IMAN SHAMES

TECHNICAL CO-CHAIR
HIEU NGUYEN

TECHNICAL PROGRAM CO-CHAIR
ZIYUAN LI
## TECHNICAL PROGRAM OVERVIEW

### TOPICS:
- Antenna, Microwave and RF Engineering
- Image and video processing
- Smart Technologies
- Blockchain/Distributed Ledger Technologies
- Artificial Intelligence and applications
- Cloud Computing, Security and Privacy
- Humanitarian and Social impacts of Technologies
- Low power VLSI devices, Circuits and Systems
- Telecommunications/5G and beyond
- Power Electronics and Systems
- Renewable Energy Technologies
- Control systems and engineering
- Systems Man and Cybernetics
- Computational Intelligence
- Geoscience and remote sensing
- Data Science and Engineering

<table>
<thead>
<tr>
<th>Time</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>Plenary Session 1</td>
<td>Plenary Session 2</td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>Tutorials</td>
<td>Special sessions, poster sessions and oral presentations</td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>Workshops</td>
<td>Poster sessions &amp; Young Professionals</td>
<td></td>
</tr>
<tr>
<td>AM</td>
<td>Tutorials</td>
<td>Special sessions, poster sessions and oral presentations</td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>Workshops</td>
<td>Gala Dinner</td>
<td>End of Conference</td>
</tr>
<tr>
<td>AM</td>
<td>Coffee break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>Coffee break</td>
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**SECTION 4**
In addition to the main conference program, a series of side events are planned including:

**GALA DINNER**
*Thursday Night*

**POTENTIAL SITES**
- National Museum of Australia
- Australian Parliament House
- Old Parliament House
SOCIAL PROGRAM

WELCOME NETWORKING FUNCTION
The welcome reception is currently planned to be held at the University of New South Wales, Canberra.

GALA DINNER
The gala dinner is also planned to be held at the suitable location on Thursday 7 September. This will be a spectacular evening and the highlight of the 2023 TENSYP.
There are over 8,300 rooms available in Canberra, offering conference delegates a broad range of accommodation options at different price points. Below is a summary of the total number of rooms near the University of New South Wales, Canberra.

<table>
<thead>
<tr>
<th>HOTEL</th>
<th>STAR RATING</th>
<th>NO. OF ROOMS</th>
<th>*LEAD IN RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canberra City YHA</td>
<td>★★★★</td>
<td>60</td>
<td>$40</td>
</tr>
<tr>
<td>Capital Executive Apartment Hotel</td>
<td>★★★★</td>
<td>83</td>
<td>$140</td>
</tr>
<tr>
<td>Crowne Plaza Canberra</td>
<td>★★★★★</td>
<td>296</td>
<td>$235</td>
</tr>
<tr>
<td>Mantra on Northbourne</td>
<td>★★★★</td>
<td>175</td>
<td>$159</td>
</tr>
<tr>
<td>Mantra MacArthur</td>
<td>★★★★</td>
<td>176</td>
<td>$159</td>
</tr>
<tr>
<td>Mercure Canberra</td>
<td>★★★★</td>
<td>129</td>
<td>$155</td>
</tr>
<tr>
<td>Novotel Canberra</td>
<td>★★★★★</td>
<td>286</td>
<td>$180</td>
</tr>
<tr>
<td>Ovolo Nishi</td>
<td>★★★★</td>
<td>104</td>
<td>$290</td>
</tr>
<tr>
<td>Pacific Suites Canberra</td>
<td>★★★★★</td>
<td>153</td>
<td>$219</td>
</tr>
<tr>
<td>Peppers Gallery Canberra</td>
<td>★★★★☆</td>
<td>85</td>
<td>$159</td>
</tr>
<tr>
<td>QT Canberra</td>
<td>★★★★☆</td>
<td>205</td>
<td>$199</td>
</tr>
<tr>
<td>Quest Canberra City Walk</td>
<td>★★★★</td>
<td>84</td>
<td>$189</td>
</tr>
<tr>
<td>University House - Australian National</td>
<td>★★★★</td>
<td>105</td>
<td>$140</td>
</tr>
</tbody>
</table>

*Lead-in rates are indicative only and based on current standard rates.

★ Official Australia star rating provided by AAA Tourism Pty Ltd
● Self rated
Canberra’s central location between Sydney and Melbourne, and the availability of direct flights from most capital cities, makes it easy to get to.

From Canberra’s award-winning airport it is only a 10 minute car ride to the city.

With the upgraded air service and daily service connecting Singapore-Canberra by Singapore Airlines, and the new Canberra-Doha route by Qatar Airways introduced in February 2018, Canberra is now more accessible than ever.
TRAVEL AUTHORITIES AND VISA

ALL VISITORS TO AUSTRALIA REQUIRE A VALID PASSPORT AND VISA UPON ENTRY, WITH DELEGATES ATTENDING A BUSINESS EVENT OR CONFERENCE REQUIRED TO APPLY FOR A BUSINESS VISITOR VISA. FOR A COMPREHENSIVE OUTLINE OF VISA OPTIONS AND HOW TO APPLY PLEASE VISIT HTTPS://WWW.HOMEAF Fairs.GOV.AU

VISA SUPPORT - INTERNATIONAL EVENT COORDINATOR NETWORK (IECN) SERVICE

A benefit of selecting Canberra as your conference location is this free service from the Australian Government’s Department of Home Affairs. The IECN service takes the guesswork out of visa applications by advising on the “what, why and how” aspects of the application process. The service is available to both event organizers and participants planning or attending an international event, conference or meeting in Australia. IEEE ACT Section and the IECN will work together to ensure a smooth visa application process for delegates. Nevertheless, issuance of a Visa is the decision of the Australian Government and not the IEEE ACT Section.

The IEEE ACT Section will:
Register your conference with the IECN.
Advise delegates to apply for visas 6-8 weeks before the intended date of travel (or 2 weeks prior for online applications).
Closely monitor visa applications against the conference registration list to offer timely updates on the status of submitted applications and to advise which delegates have yet to apply.
Coordinate with overseas Australian visa offices to resolve any issues arising from delegate applications. Advise delegates of the health and character requirements that need to be met as part of their Australian visa application process, along with the travel documents required on arrival. Provide participants with confirmation of their registration, or a letter of invitation to attend the conference, where required.
Very few travel and visa restrictions for delegates to come to Australia

Free visa support service making participation in a global event in Australia easy

Passport holders from most countries can apply for Australian visas online

Certain passport holders may be eligible to apply for a free or cheaper visa
With Australia's leading research and cultural institutions based in Canberra, the city has a reputation as the nation's intellectual and cultural hub.
TO NAME A FEW...