"Expression of Interest" for hosting institute of the 8th RD20 Conference in 2026

Council for Scientific and Industrial Research (CSIR)

https://www.csir.co.za/ SOUTH AFRICA

Information of presenter

Institute	Council for Scientific and Industrial Research (CSIR)
Country	South Africa
Representative of Institute for RD20	Title: Dr. Name: Sandile Malinga Position/affiliation: Divisional Group Executive: Smart Society
Contact person for this proposal	Title: Dr. Name: Thabo Hlalele Position: Energy Research Center Manager

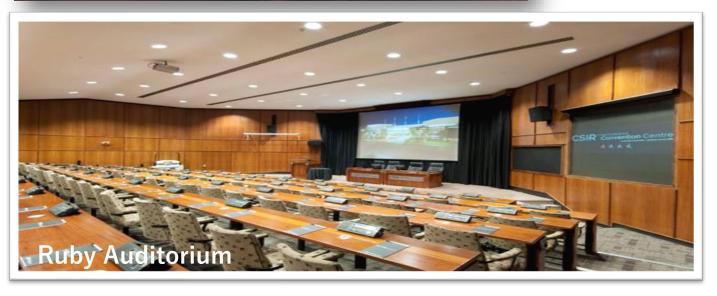
Tentative plan for the 8th RD20 Conference

Dates	October 19 – 23, 2026 (Option 2)
Meeting venue	Conference facilities in CSIR ICC and in a hotel close to CSIR ICC Pretoria
Program overview (including possible side event such as specific WS)	October 20 (Tue): Technical Session October 21 (Wed): Discussion for TS wrap-up October 22 (Thu): Leaders Session October 23 (Fri): Site visit: CSIR/Eskom/other facilities
partners and sponsorship opportunities	Internal budget: CSIR Sponsorship Preliminary: To approach RD20, etc. Government subsidy: To approach DSTI, DEE, NRF, etc. Contribution from industry: To approach Eskom, Sasol, etc.

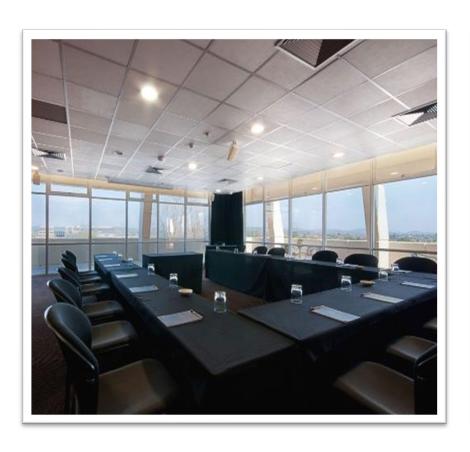
Facilities at the premises at the CSIR







Facilities at the CSIR Pretoria Campus – ICC Meeting Rooms





Accommodation City Lodge Hotel Lynnwood 2.4km from CSIR ICC



The Capital Menlyn Maine 4.7 km from CSIR ICC



Casa Toscana Lodge 1.1 km from CSIR ICC



The Maslow Time Square 5.5 km from CSIR ICC



Technology – Sector Clusters Positioned to drive SA's industrialisation



Advanced Agri & Food

Innovate to strengthen primary production, agroprocessing and advance rural economies



Future Production Manufacturing

Strengthen manufacturing value chain to enhance Industry Competitiveness



SMART Places

Effect smarter resource use, sustainable economic growth and smart infrastructure and service developments



Future Production Chemicals

Establish state-of-the-art (bio)chemistry to drive local pharmaceutical and the broader chemical industries



Future Production Mining

Support the growth and revitalisation of the mining industry



SMART Mobility

Enable South Africa to have an efficient, effective and integrated logistics sector



NextGen Health

Develop technologies to drive improved health outcomes and patient-centric healthcare delivery



Defence & Security

Build resilient defence and security capabilities to strengthen national security technology capacity



NextGen Enterprises & Institutions

Support the digitalisation of government, public institutions and private sectors

Indoor Energy Storage lab

Testing Energy Storage technologies

- Indoor
 - Lithium-ion Batteries
 - Next Gen batteries
 - Local Standards
 - Battery Management Systems
- Benefits
 - Innovation
 - Localization
 - Demonstration
 - Standardization
 - Knowledge dissemination



Battery Management System | Lithium Fire Dowsing System

Lithium Fire Fighting Protocols | **E-mobility Programme**

Sightseeing

Pretoria National Botanical Gardens 2.5 km from CSIR



Freedom Park Heritage Site & Museum 25.4 km from CSIR



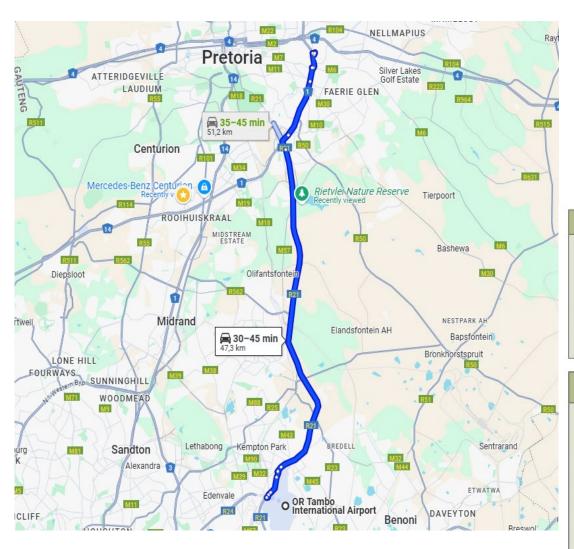
Union Buildings 9.2 km from CSIR



Cradle of Humankind 57.8 km from CSIR



Destination CSIR



The main international airport is **OR Tambo International Airport**

- 30 45 min by car
- Approx 1 hour by Gautrain

Hatfield station to CSIR ICC

- Cost of bus trip for rail users: R10
- Cost of bus trip for non rail users: R23
- Travel to Hatfield Station from any station on the Gautrain route (see website for train fares)
- Disembark from train at Hatfield Station and board the H2 Lynnwood Gautrain Bus
- Disembark from bus at H2-11 CSIR International Convention Centre

OR Tambo International Airport to CSIR ICC

- Cost of trip one way including bus fare: R229
- Cost of return trip including bus fare: R435
- At OR Tambo Station board the train to Sandton via Malboro Station
- Disembark at Malboro Station and board the train to Hatfield Station
- Disembark At Hatfield Station and board the H2 Lynnwood Gautrain Rus
- Disembark from bus at H2-11 CSIR International Convention Centre