

2022



Early Career Conference in Trapped Ions

Early Career Conference in Trapped Ions

2020

65 participants

34 speakers

18 posters

2022

88 participants

42 speakers

42 posters



Safety

Emergency Number: 112

Visitor badges are needed to access CERN so don't forget to take it if you leave the campus. Access outside of reception hours is via Gate B.



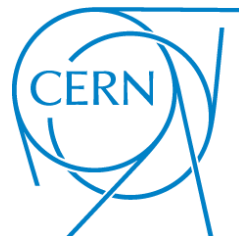
MapCERN 4+
CERN
Designed for iPad
★★★★★ 5.0 • 1 Rating
Free



Fire meeting point

Organisers

- April Cridland (Swansea)
- Elise Wursten (RIKEN)
- Erich Leistenschneider (CERN)
- Muhammed Sameed (CERN)
- Simon Lechner (McGill)
- Steven A. Jones (Swansea)



Scientific Committee



Dr Amy Hughes



Dr Charles Baynham



James Brydges-Harrington



Silke Auchter



Dr Matthew Day



Laura Blackburn



Program Overview

	Sunday, 26 June	Monday, 27 June	Tuesday, 28 June	Wednesday, 29 June	Thursday, 30 June	Friday, 1 July
8:00		Conference Registration 8:30				
9:00	Morning: 2 sessions	Welcome to ECCTI 2022 9:00	Quantum Technologies I Stadler, Dominguez, Mazzanti, Kokorina 9:00 - 10:30	Precision Spectroscopy I Holzapfel, de Velasco, Berrocal, Steinel 9:00 - 10:30	Nuclear Physics II San Andres, Kanitz, Maier, Chen 9:00 - 10:30	Workshop: LabVIEW Building 222 9:00 - 12:00
10:00		Antimatter I Schmidt, Nauta, Will 9:25 - 10:30	Coffee Break	Coffee Break	Coffee Break	Workshop: COMSOL Council Chamber 9:00 - 12:00
11:00		Quantum Information & Computing I Mordini, Bazavan, Saner 11:00 - 12:10	Quantum Simulation I Kiesenhofer, Edmunds, Parke 11:00 - 12:10	Quantum Information & Computing II Valentini, Wahl, Krackow 11:00 - 12:10	Quantum Information & Computing III Torkzaban, Nadlinger, Araneda 11:00 - 12:10	Coffee Break 10:30 - 11:00
12:00	Lunch: CERN Tours	Lunch Break	Lunch Break	Lunch Break	Lunch Break	
13:00		Tour: Synchrotron 12:10 - 13:00	Tour: Antiproton Decelerator 13:00 - 14:30	Tour: Synchrotron 13:00 - 14:10	Tour: LEIR 13:00 - 14:10	Tour: CERN Data Centre 12:10 - 13:20
14:00		Tour: ISOLDE 13:00 - 14:30	Tour: Antiproton Decelerator 13:00 - 14:30	Tour: ISOLDE 13:00 - 14:10	Tour: LEIR 13:00 - 14:10	Friday Workshops
15:00	Afternoon: 1 session + Skill/Poster session	Nuclear Physics I Mollaebrahimi, Puentes, Nies, Brown, Morin 14:30 - 16:15	Antimatter II Lospalluto, Fleck, Popper, Abbass 14:30 - 16:10	Antimatter III Singh, Lanz, Jones, Welser 14:30 - 16:00	Quantum Information & Computing IV Sotirova, Smith 14:10 - 15:15	
16:00		Coffee Break	A word from our sponsors: Atlas Copco Break	Coffee Break	Coffee Break	A word from our sponsors: Quantum FutureX
17:00		Lecture: Making the most of your presentation Jean-luc Doumont 16:45 - 18:45	Poster Session Pas Perdu Virtual Posters: Room D 16:30 - 19:00	Workshop: Grant writing Pablo Garcia Tello 16:45 - 18:15	Career Panel CERN Alumni 15:45 - 18:15	
18:00					Conference Photo 18:15	
19:00					Bus to Dinner 18:45	
20:00					Conference Dinner Mövenpick Hotel & Casino, Geneva 19:00 - 23:00	Thursday Dinner

Program Overview

Early Career Conference in Trapped Ions (ECCTI) 2022

June 26, 2022 to July 1, 2022
CERN
Europe/Zurich timezone
There is a [live webcast](#) for this event.

Enter your search term

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Conference Sessions & Events

Important! Per COST's requirements for participant support, you are required to sign the daily attendance sheets. It will be available daily at the registration desk.

Download here our timetable:

The timetable is a grid showing sessions for each day from Sunday, June 26 to Friday, July 1, 2022. Sessions are color-coded by time slot: 08:00-09:00 (green), 09:00-10:00 (blue), 10:00-11:00 (orange), 11:00-12:00 (purple), 13:00-14:00 (red), 14:00-15:00 (yellow), 15:00-16:00 (light blue), 16:00-17:00 (pink), 17:00-18:00 (grey), and 18:00-19:00 (dark blue). The sessions include various topics such as 'Introduction to the conference', 'Welcome to the conference', 'Registration', 'Networking', 'Plenary', 'Workshop', 'Poster session', and 'Dinner'. Logos for sponsors like COST, IONG, and CERN are visible at the bottom.

Conference Registration

As you arrive for the conference, check in with us and pick up your kits! We will be available at two times:

1. Sunday, between 18:30 and 20:00, outside the CERN Hotel reception (building 39). If the weather does not allow, we will set up the registration table at the Pas Perdus (see [Wayfinding around CERN](#)). **Snacks will be available!**
2. Monday, between 8:30 and 9:00, just before the first session at the Pas Perdus in front of the CERN Council Chamber.

We highly recommend everyone to check in on Sunday, especially those staying at the CERN Hotel, in order to avoid a high flow of people right before the start of the conference.

Program Updates and Modifications will be posted in the **Sessions & Events** page

Poster Session

Pas Perdus exhibition area: 16:30 - 19:00 on Tuesday.
Nibbles and wine will be served until 18:00.



We will provide a method of fixing your poster to the stand. Please make sure you set your poster up at your designated stand before Tuesday 16:30 and take it down before Thursday 14:00.

A few posters will be presented virtually at Room D, just across the Council Chamber. So please drop by.

Prizes will be given for the best posters based on our community choice! Voting slips will be available on Indico.

The three winners of the 350 CHF prizes will be announced during our conference dinner.

Skill Sessions



Lecture: Making the most of your presentation (Mon, 16:45)

This lecture proposes a systematic way to prepare and deliver an oral presentation: it covers structure, slides, and delivery, as well as stage fright.

Jean-luc Doumont - Louvain School of Engineering and PhD in applied physics from Stanford University.

Workshop: Grant writing (Wed, 16:45)

Pablo Garcia Tello is currently section head of the CERN EU Office developing new EU funded projects and initiatives. He will offer his best tips on how to prepare a successful grant application.



Career Panel (Thu, 15:45)

Early career CERN Alumni currently working in academia, governmental agencies and industry will discuss their inspiring professional journeys. They will tell us about their stories, how they got where they are and answer your most pressing career questions.

The panel will be composed of **Silvia Zorzetti** (Fermilab SQMS), **Federica Mingrone** (International Atomic Energy Agency), **Mario Michan** (Daphne Technology), and **Ask Løvschall-Jensen** (Hyme Energy, Seaborg Technologies), moderated by **Rachel Bray** (CERN Alumni Office).



alumni

Friday Workshops



Friday workshops: COMSOL or LabView (Fri, 9:00)

COMSOL - Council Chamber

LabVIEW - auditorium at building 222 (close to the Hotel).



Please note that the workshops will run in parallel, each taking the full 3 hours that they are scheduled. A 30-min coffee break is scheduled for 10:30.

Although not mandatory, it is recommended to bring your own computer. Practical exercises will be available online through remote desktop.

CERN Tours



- **Synchrocyclotron (SC):** CERN's first particle accelerator, now turned into an immersive experience (Mon 12:10, Wed 13:00)
- **Antiproton Decelerator (AD):** a world-unique facility for precision studies of antimatter (Mon 13:00, Tue 13:00)
- **ISOLDE:** our rare and radioactive isotope production facility, also CERN's longest running experimental facility (Mon 13:00, Tue 13:00)
- **LEIR:** the Low Energy Ion Ring is one of the very first stages of beam acceleration into the LHC complex (Wed 13:00, Thu 13:00)
- **CERN Data Centre:** the heart of CERN's scientific computing infrastructure (Thu 12:10)

Safety: tours require the **use of closed shoes**. Some areas are not accessible to all visitors (people with reduced mobility, wearers of medical implants or pacemakers, people above or below a certain age, pregnant people, etc.). A type 1 surgical mask is required for the tour of the CERN Data Centre.

CERN Tours



We will leave sharply at the designated time from the meeting point in front of the Council Chamber. We may be required to walk up to 15 minutes to tour locations.

TOUR SIGN UP

**EARLY CAREER
CONFERENCE
in
TRAPPED IONS**

Tour: Antiproton Decelerator
Date/Time: Mon 13:00

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9	

**Only 24 spots per tour.
Sign up in advance!**

**EARLY CAREER
CONFERENCE
in
TRAPPED IONS**

**TOUR
GATHERING
POINT**

We will leave sharply at the designated time!

We may be required to walk for about 15 minutes to the tour locations

Safety: tours require the use of closed shoes. High-heeled shoes, open-toed shoes, flip-flops and sandals are not permitted. Some areas are not accessible to all visitors (people with reduced mobility, wearers of medical implants or pacemakers, people above or below a certain age, pregnant people, etc.). Please inform with your tour guide.

Conference Dinner



Mövenpick Hotel & Casino

Two buses will pick participants up at 18:45 in front of the main entrance of building 500, close to the UBS bank. Buses returning to CERN will depart Mövenpick Hotel at 23:00.

In case you miss one of the buses, you can easily get to/from the Mövenpick Hotel by public transport, taking the tram number 18 that stops in front of CERN. If you prefer to go to the dinner by car, you are advised to park at the International Center Cointrin. You can park at the -3 level, reserved for hotel clients, and go to entrance A.

Dietary Restrictions

Menus were carefully chosen to accommodate all declared dietary restrictions of our group.

Coffee Breaks and Poster Cocktail: List of ingredients will be available with each item.

CERN Restaurants: Vegan/Vegetarian options always available. List of ingredients and allergens are always displayed at meal stations. Please declare your allergies to the server and they will make sure the preparation is done accordingly.

Conference dinner at Mövenpick: During the welcome drinks, coloured cards will be distributed for those who have chosen the vegan/vegetarian option. The menu is available on indico, if you believe it is still not suitable for you, please let us know as soon as possible.

Attendance Sheets

You must sign every day!

(even if you are not supported by COST)

If you do not sign in then you will not be reimbursed.

A-B

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This information is collected for the purpose of checking eligibility for reimbursement of your expenses under the COST Annotated-Rules-for-COST-Actions-Level-C and when the meeting takes place in COST premises, for safety purposes in compliance with our legal obligations under Belgian law. It will be kept for the duration of COST audit obligations as mentioned in the privacy notice for e-COST. It won't be transferred to any third party except in case of use for safety purposes where it will be transferred to the landlord of the premises and emergency services.

MEETING ATTENDANCE LIST (WORKSHOPS/CONFERENCES - 2022-06-27)

The attendance list provides the names of the participants who confirmed attendance via their personal e-COST invitation link.

Meeting Title: Early Career Conference in Trapped Ions (ECCTI) 2022
Meeting Reference: E-COST-MEETING-CA17113-260622-024e2399 Action Number: CA17113
Meeting Administrator: Anne-Christina Stenberg E-mail: anne.stenberg@su.se

Workshop/Conference - Workshops/Conferences (Start Date: 2022-06-27 End Date: 2022-07-01)

Nr	Participant	Country	Signature
1	Abbass, Fatma faabbass@uni-mainz.de	n/a	
2	Ahmed Kulmiya, Sahra sahrakulmiya@yahoo.com	n/a	
3	Anmasser, Fabian fabian.anmasser@infineon.com	n/a	
4	Araneda, Gabriel gabriel.aranedamachuca@physics.ox.ac.uk	n/a	
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9	Berrocal Sánchez, Joaquín jberrocal@go.ugr.es	ES	
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11	Bonus, Falk C M falk.bonus.19@ucl.ac.uk	n/a	

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Practical Information for Speakers and Audience

This is a hybrid conference, we are connected with the remote audience & speakers via Zoom. The Zoom link will be active each day 10min before the morning session begins

Speakers:

- Upload your slides to Indico before the start of your session or bring a USB stick to the Council Chamber
- Please use the special pointer such that remote viewers can see where you are pointing as well!
- Remote speakers, please be online during the break before your session to test your connection, video connection is possible
- The session chair will keep watch of the time, you will get warning signs from the chair at 5min/2min/0min remaining. The timeslots are:
 - 22min = 18min + 4min for questions
 - 20min = 17min + 3min for questions
 - 15min = 12min + 3min for questions

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Audience:

- Please use a microphone when asking a question
- Remote audience, please ask your questions in the Zoom chat or use the “raise hand” gesture in the Reactions tab on Zoom
- Sit back, relax and enjoy the conference!

Sponsors



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