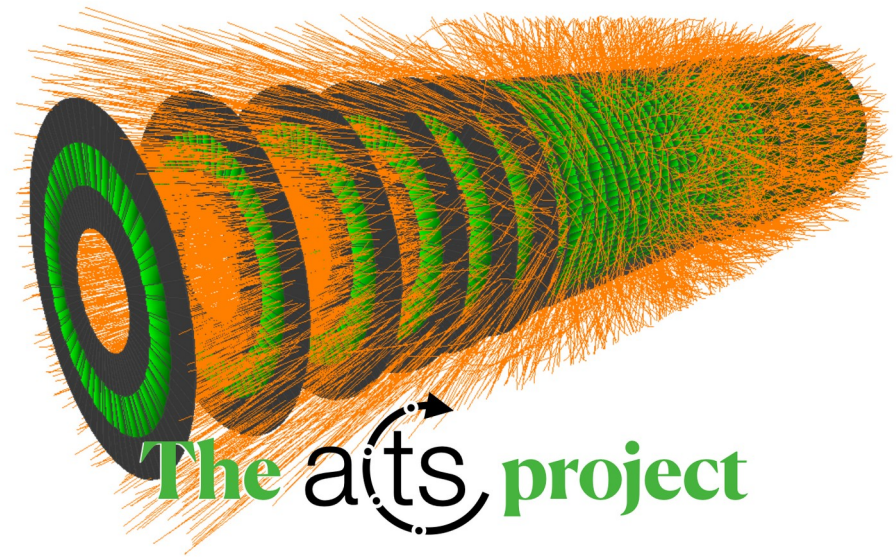




# Welcome!



ACTS Developers Workshop 2024  
18-21 November 2024

supported by



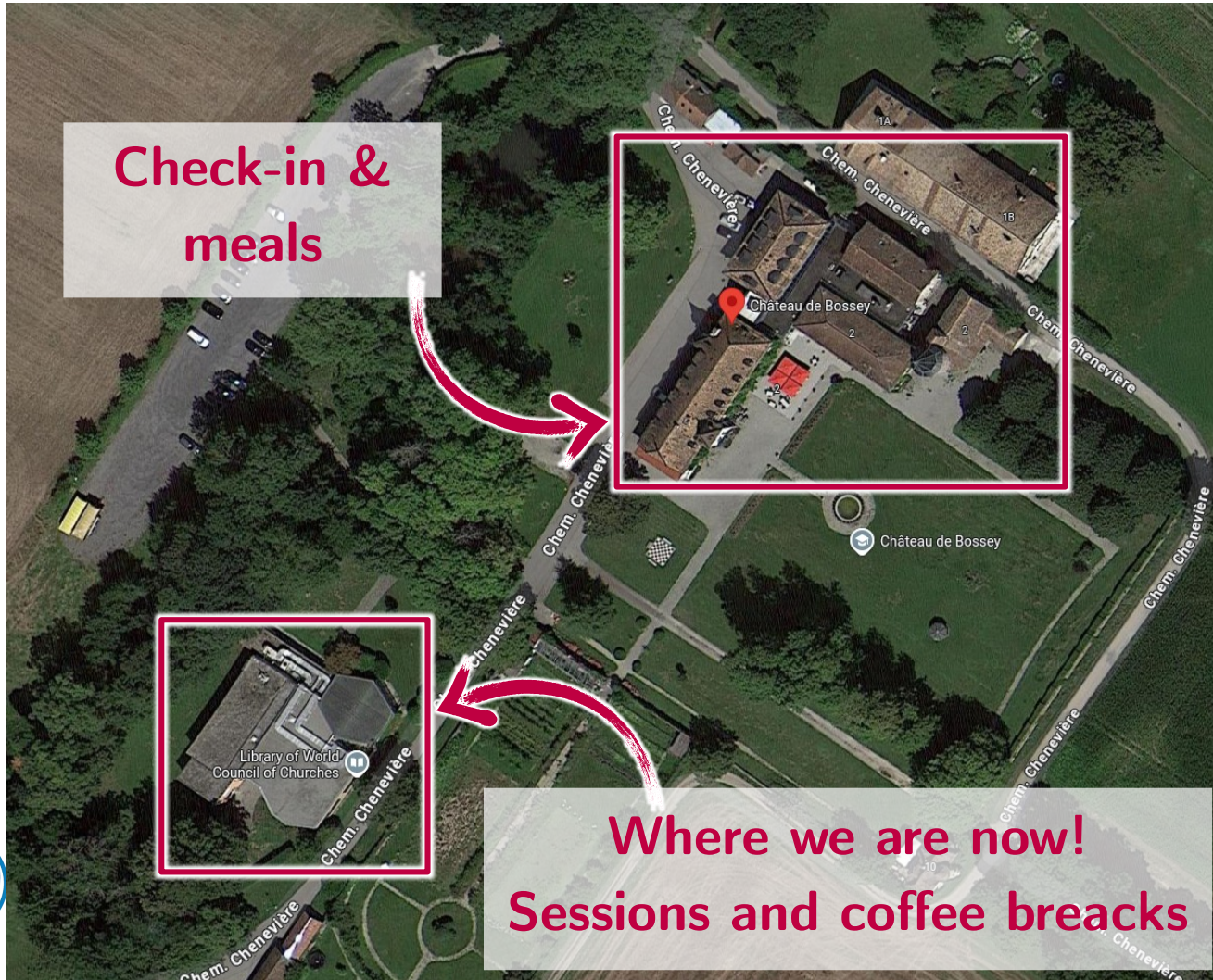
EP-R&D  
Programme on Technologies for Future Experiments



cooperations



# A bit of logistics



- All workshop sessions and the coffee breaks are in this building
- Breakfast, lunch and dinner are served in the main building
  - **VERY IMPORTANT:** Drinks are included but charged to us separately - be reasonable (water & soft drinks)!
  - Coffee/Tea after meal is included



# Workshop Agenda

	18 Nov 2024	19 Nov 2024	20 Nov 2024	21 Nov 2024
AM	09:00 Bus transfer from CERN (meeting point outside the CERN hostel in Meyrin) (until 09:30) ()	09:00 What's new since last workshop! - First Part (until 10:30) ()	09:00 Topical Discussions (until 10:30) ()	09:00 Invited Talk (until 10:00) ()
	09:30 --- Registration ---	09:00 Geometry - Andreas Salzburger (CERN) ()	09:00 Integration of tracc - Stephen Nicholas Swatman (CERN (CH)) ()	09:00 OSPO: Open Science and Open Source at CERN - Giacomo Tenaglia (CERN) ()
	10:00 Introduction (until 10:40) ()	09:30 Propagation and Navigation - Joana Niermann (CERN) ()	09:40 tracc and detray: publication plans ()	10:00 Workshop Closure (until 10:30) ()
	10:00 Welcome! - Noemi Calace (CERN) ()	10:00 Seeding - Rosanne Zara Hasan (Royal Holloway, University of London (GB)) ()	10:30 --- Coffee Break ---	10:00 Workshop Closure - Andreas Salzburger (CERN) ()
	10:10 Introduction: What's new since last workshop! - Paul Gessinger (CERN) ()	10:30 --- Coffee Break ---	11:00 Topical Discussions (until 12:00) ()	10:30 --- Coffee Break ---
	10:30 Project Structure and Governance - Andreas Salzburger (CERN) ()	11:00 What's new since last workshop! - Second Part (until 12:30) ()	11:00 Impact of sensor degradation on the time reconstruction of CKF tracking - Rodrigo Estevam De Paula (Universidade de Sao Paulo (BR)) ()	11:00 Hands-on session (until 12:30) ()
	10:40 Experiment reports I (until 12:00) ()	11:00 Track Finding - Dr Tim Abye (Science and Technology Facilities Council STFC (GB)) ()	11:30 Cluster formation, calibration, & splitting - Louis-Guillaume Gagnon (University of California Berkeley (US)) ()	
	10:40 STCF - Xiaocong Ai (Zhengzhou University) ()	11:30 Track Fitting - Alexander J PFLEGER (University of Graz (AT)) Benjamin Huth (CERN) ()		
	11:05 CEPC - Yizhou Zhang (Institute of High Energy Physics) ()	12:00 Vertexing - Andreas Stefl (Technische Universitaet Wien (AT)) ()		
	11:30 ALICE - Igor Altsybeev (Technische Universitaet Muenchen (DE)) Pavel Larionov (Inha University (KR)) ()			
	PM	12:00 --- Lunch ---	12:30 --- Lunch ---	12:00 --- Lunch ---
13:30 Experiment reports II (until 15:15) ()		14:00 Hands-on session (until 15:30) ()	13:30 Hands-on session (until 15:30) ()	14:00 Bus transfer to CERN (until 14:30) ()
13:30 ATLAS - ITk - Luthien Mlynarski (AGH University of Krakow (PL)) ()		15:30 --- Coffee Break ---	15:30 --- Coffee Break ---	
13:55 ATLAS - MS - Dimitra Amperiadou (Aristotle University of Thessaloniki (GR)) ()		16:00 Hands-on session (until 17:30) ()	16:00 Topical Discussions (until 16:30) ()	
14:20 ePIC - Barak Schmookler (Lawrence Berkeley Laboratory) Shujie Li (Berkeley Lab) ()		18:30 --- Social Dinner ---	16:00 Using ACTS with drift chambers and drift/straw tube detectors - Roberto Petti (University of South Carolina (US)) Xiaocong Ai (Zhengzhou University) Shujie Li (Berkeley Lab) Noemi Calace (CERN) Nibir Talukdar (National Institute of Technology Calicut) Joe Osborn (Brookhaven National Laboratory) Cheuk Ping Wong (Brookhaven National Laboratory) ()	
14:45 sPHENIX - Joe Osborn (Brookhaven National Laboratory) ()			16:30 Hands-on session (until 18:00) ()	
15:15 --- Coffee Break ---				
15:45 Experiment reports III - Pierfrancesco Butti (CERN) Roberta Araldi (Universita e INFN Torino (IT)) (until 17:45) ()				
15:45 FASER - Xiaocong Ai (Zhengzhou University) ()				
16:05 NA60+ - Giacomo Alocco (Universita e INFN, Torino (IT)) ()				
16:25 Lohengrin - Jan-Eric Heinrichs (University of Bonn (DE)) ()				
16:45 LDMX - Elizabeth Berzin (Stanford University) ()				
17:05 Telescope paper and discussion - Roberta Araldi (Universita e INFN Torino (IT)) Pierfrancesco Butti (CERN) ()				



# Hands-on Sessions

	18 Nov 2024	19 Nov 2024	20 Nov 2024	21 Nov 2024
AM	<p>09:00 Bus transfer from CERN (meeting point outside the CERN hostel in Meyrin) (until 09:30) ()</p> <p>09:30 --- Registration ---</p> <p>10:00 Introduction (until 10:40) ()</p> <p>10:00 Welcome! - Noemi Calace (CERN) ()</p> <p>10:10 Introduction: What's new since last workshop! - Paul Gessinger (CERN) ()</p> <p>10:30 Project Structure and Governance - Andreas Salzburger (CERN) ()</p> <p>10:40 Experiment reports I (until 12:00) ()</p> <p>10:40 STCF - Xiaocong Ai (Zhengzhou University) ()</p> <p>11:05 CEPC - Yizhou Zhang (Institute of High Energy Physics) ()</p> <p>11:30 ALICE - Igor Altsybeev (Technische Universitaet Muenchen (DE)) Pavel Larionov (Inha University (KR)) ()</p>	<p>09:00 What's new since last workshop! - First Part (until 10:30) ()</p> <p>09:00 Geometry - Andreas Salzburger (CERN) ()</p> <p>09:30 Propagation and Navigation - Joana Niermann (CERN) ()</p> <p>10:00 Seeding - Rosanne Zara Hasan (Royal Holloway, University of London (GB)) ()</p> <p>10:30 --- Coffee Break ---</p> <p>11:00 What's new since last workshop! - Second Part (until 12:30) ()</p> <p>11:00 Track Finding - Dr Tim Adye (Science and Technology Facilities Council STFC (GB)) ()</p> <p>11:30 Track Fitting - Alexander J PFLEGER (University of Graz (AT)) Benjamin Huth (CERN) ()</p> <p>12:00 Vertexing - Andreas Stefl (Technische Universitaet Wien (AT)) ()</p> <p>12:30 --- Lunch ---</p> <p>14:00 Hands-on session (until 15:30) ()</p> <p>15:30 --- Coffee Break ---</p> <p>16:00 Hands-on session (until 17:30) ()</p> <p>18:30 --- Speaker ---</p>	<p>09:00 Topical Discussions (until 10:30) ()</p> <p>09:00 Integration of tracc - Stephen Nicholas Swatman (CERN (CH)) ()</p> <p>09:40 tracc and detray: publication plans ()</p> <p>10:30 --- Coffee Break ---</p> <p>11:00 Topical Discussions (until 12:00) ()</p> <p>11:00 Impact of sensor degradation on the time reconstruction of CKF-tracking - Rodrigo Estevam De Paula (Universidade de Sao Paulo (BR)) ()</p> <p>11:30 Cluster formation, calibration, &amp; splitting - Louis-Guillaume Gagnon (University of California Berkeley (US)) ()</p> <p>13:30 Hands-on session (until 15:30) ()</p> <p>16:00 Topical Discussions (until 16:30) ()</p> <p>16:00 Using ACTS with drift chambers and drift/straw tube detectors - Roberto Petti (University of South Carolina (US)) Xiaocong Ai (Zhengzhou University) Shujie Li (Berkeley Lab) Noemi Calace (CERN) Nibir Talukdar (National Institute of Technology Calicut) Joe Osborn (Brookhaven National Laboratory) Cheuk Ping Wong (Brookhaven National Laboratory) ()</p> <p>16:30 Hands-on session (until 18:00) ()</p>	<p>09:00 Invited Talk (until 10:00) ()</p> <p>09:00 OSPO: Open Science and Open Source at CERN - Giacomo Tenaglia (CERN) ()</p> <p>10:00 Workshop Closure (until 10:30) ()</p> <p>10:00 Workshop Closure - Andreas Salzburger (CERN) ()</p> <p>10:30 --- Coffee Break ---</p> <p>11:00 Hands-on session (until 12:30) ()</p> <p>2:30 Lunch ---</p> <p>4:00 Bus transfer to CERN (meeting point at CERN) ()</p>



# Topical Discussions

	18 Nov 2024	19 Nov 2024	20 Nov 2024	21 Nov 2024
AM	<p>09:00 Bus transfer from CERN (meeting point outside the CERN hostel in Meyrin) (until 09:30) ()</p> <p>09:30 --- Registration ---</p> <p>10:00 Introduction (until 10:40) ()</p> <p>10:00 Welcome! - Noemi Calace (CERN) ()</p> <p>10:10 Introduction: What's new since last workshop! - Paul Gessinger (CERN) ()</p> <p>10:30 Project Structure and Governance - Andreas Salzburger (CERN) ()</p> <p>10:40 Experiment reports I (until 12:00) ()</p> <p>10:40 STCF - Xiaocong Ai (Zhengzhou University) ()</p> <p>11:05 CEPC - Yizhou Zhang (Institute of High Energy Physics) ()</p> <p>11:30 ALICE - Igor Altsybeev (Technische Universitaet Muenchen (DE)) Pavel Larionov (Inha University (KR)) ()</p>	<p>09:00 What's new since last workshop! - First Part (until 10:30) ()</p> <p>09:00 Geometry - Andreas Salzburger (CERN) ()</p> <p>09:30 Propagation and Navigation - Joana Niermann (CERN) ()</p> <p>10:00 Seeding - Rosanne Zara Hasan (Royal Holloway, University of London (GB)) ()</p> <p>10:30 --- Coffee Break ---</p> <p>11:00 What's new since last workshop! - Second Part (until 12:30) ()</p> <p>11:00 Track Finding - Dr Tim Adye (Science and Technology Facilities Council STFC (GB)) ()</p> <p>11:30 Track Fitting - Alexander J PFLEGER (University of Graz (AT)) Benjamin Huth (CERN) ()</p> <p>12:00 Vertexing - Andreas Stefl (Technische Universitaet Wien (AT)) ()</p>	<p>09:00 <b>Topical Discussions (until 10:30) ()</b></p> <p>09:00 Integration of tracc - Stephen Nicholas Swatman (CERN (CH)) ()</p> <p>10:00 tracc and detray: publication plans ()</p> <p>10:30 --- Coffee Break ---</p> <p>11:00 <b>Topical Discussions (until 12:00) ()</b></p> <p>11:00 Impact of sensor degradation on the time reconstruction of CKF tracking - Rodrigo Estevam De Paula (Universidade de Sao Paulo (BR)) ()</p> <p>11:30 Cluster formation, calibration, &amp; splitting - Louis-Guillaume Gagnon (University of California Berkeley (US)) ()</p>	<p>09:00 Invited Talk (until 10:00) ()</p> <p>09:00 OSPO: Open Science and Open Source at CERN - Giacomo Tenaglia (CERN) ()</p> <p>10:00 Workshop Closure (until 10:30) ()</p> <p>10:00 Workshop Closure - Andreas Salzburger (CERN) ()</p> <p>10:30 --- Coffee Break ---</p> <p>11:00 Hands-on session (until 12:30) ()</p>
PM	<p>12:00 --- Lunch ---</p> <p>13:30 Experiment reports II (until 15:15) ()</p> <p>13:30 ATLAS - ITk - Luthien Mlynarski (AGH University of Krakow (PL)) ()</p> <p>13:55 ATLAS - MS - Dimitra Amperidou (Aristotle University of Thessaloniki (GR)) ()</p> <p>14:20 ePIC - Barak Schmookler (Lawrence Berkeley Laboratory) Shujie Li (Berkeley Lab) ()</p> <p>14:45 sPHENIX - Joe Osborn (Brookhaven National Laboratory) ()</p> <p>15:15 --- Coffee Break ---</p> <p>15:45 Experiment reports III - Pierfrancesco Butti (CERN) Roberta Araldi (Universita e INFN Torino (IT)) (until 17:45) ()</p> <p>15:45 FASER - Xiaocong Ai (Zhengzhou University) ()</p> <p>16:05 NA60+ - Giacomo Alocco (Universita e INFN, Torino (IT)) ()</p> <p>16:30 Chengrin - Jan-Eric Heinrichs (University of Bonn (DE)) ()</p> <p>16:30 DMZ - Elizabeth Berzin (Stanford University) ()</p> <p>16:40 Teaspoon paper and discussion - Roberta Araldi (Universita e INFN Torino (IT)) Pierfrancesco Butti (CERN) ()</p>	<p>12:30 --- Lunch ---</p> <p>14:00 Hands-on session (until 15:30) ()</p> <p>15:30 --- Coffee Break ---</p> <p>16:00 Hands-on session (until 17:30) ()</p> <p>18:30 --- Social Dinner ---</p>	<p>12:00 --- Lunch ---</p> <p>13:30 Hands-on session (until 15:30) ()</p> <p>16:00 <b>Topical Discussions (until 16:30) ()</b></p> <p>16:00 Using ACTS with drift chambers and drift/straw tube detectors - Roberto Petti (University of South Carolina (US)) Xiaocong Ai (Zhengzhou University) Shujie Li (Berkeley Lab) Noemi Calace (CERN) Nibir Talukdar (National Institute of Technology Calicut) Joe Osborn (Brookhaven National Laboratory) Cheuk Ping Wong (Brookhaven National Laboratory) ()</p> <p>Hands-on session (until 18:00) ()</p>	<p>12:30 --- Lunch ---</p> <p>14:00 Bus transfer to CERN (until 14:30) ()</p>



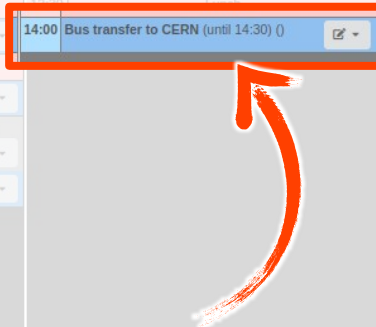
# Invited Talk

	18 Nov 2024	19 Nov 2024	20 Nov 2024	21 Nov 2024
AM	<p>09:00 Bus transfer from CERN (meeting point outside the CERN hostel in Meyrin) (until 09:30) ()</p> <p>09:30 --- Registration ---</p> <p>10:00 Introduction (until 10:40) ()</p> <p>10:00 Welcome! - Noemi Calace (CERN) ()</p> <p>10:10 Introduction: What's new since last workshop! - Paul Gessinger (CERN) ()</p> <p>10:30 Project Structure and Governance - Andreas Salzburger (CERN) ()</p> <p>10:40 Experiment reports I (until 12:00) ()</p> <p>10:40 STCF - Xiaocong Ai (Zhengzhou University) ()</p> <p>11:05 CEPC - Yizhou Zhang (Institute of High Energy Physics) ()</p> <p>11:30 ALICE - Igor Altsybeev (Technische Universitaet Muenchen (DE)) Pavel Laktionov (Inha University (KR)) ()</p>	<p>09:00 What's new since last workshop! - First Part (until 10:30) ()</p> <p>09:00 Geometry - Andreas Salzburger (CERN) ()</p> <p>09:30 Propagation and Navigation - Joana Niermann (CERN) ()</p> <p>10:00 Seeding - Rosanne Zara Hasan (Royal Holloway, University of London (GB)) ()</p> <p>10:30 --- Coffee Break ---</p> <p>11:00 What's new since last workshop! - Second Part (until 12:30) ()</p> <p>11:00 Track Finding - Dr Tim Adye (Science and Technology Facilities Council STFC (GB)) ()</p> <p>11:30 Track Fitting - Alexander J PFLEGER (University of Graz (AT)) Benjamin Huth (CERN) ()</p> <p>12:00 Vertexing - Andreas Stefl (Technische Universitaet Wien (AT)) ()</p>	<p>09:00 Topical Discussions (until 10:30) ()</p> <p>09:00 Integration of tracc - Stephen Nicholas Swatman (CERN (CH)) ()</p> <p>09:40 tracc and detrax: publication plans ()</p> <p>10:30 --- Coffee Break ---</p> <p>11:00 Topical Discussions (until 12:00) ()</p> <p>11:00 Impact of sensor degradation on the time reconstruction of CKF-tracking - Rodrigo Estevam De Paula (Universidade de Sao Paulo (BR)) ()</p> <p>11:30 Cluster formation, calibration, &amp; splitting - Louis-Guillaume Gagnon (University of California Berkeley (US)) ()</p>	<p>09:00 <b>Invited Talk (until 10:00) ()</b></p> <p>09:00 OSPO: Open Science and Open Source at CERN - Giacomo Tenaglia (CERN) ()</p> <p>10:00 Workshop Closure (until 10:30) ()</p> <p>10:00 Workshop Closure - Andreas S... (CERN) ()</p> <p>10:30 --- Coffee Break ---</p> <p>11:00 Hands-on session (until 12:30) ()</p>
PM	<p>12:00 --- Lunch ---</p> <p>13:30 Experiment reports II (until 15:15) ()</p> <p>13:30 ATLAS - ITk - Luthien Mlynarski (AGH University of Krakow (PL)) ()</p> <p>13:55 ATLAS - MS - Dimitra Amperiadou (Aristotle University of Thessaloniki (GR)) ()</p> <p>14:20 ePIC - Barak Schmookler (Lawrence Berkeley Laboratory) Shujie Li (Berkeley Lab) ()</p> <p>14:45 sPHENIX - Joe Osborn (Brookhaven National Laboratory) ()</p> <p>15:15 --- Coffee Break ---</p> <p>15:45 Experiment reports III - Pierfrancesco Butti (CERN) Roberta Araldi (Universita e INFN Torino (IT)) (until 17:45) ()</p> <p>15:45 FASER - Xiaocong Ai (Zhengzhou University) ()</p> <p>16:05 NA60+ - Giacomo Alocco (Universita e INFN, Torino (IT)) ()</p> <p>16:30 Chengrin - Jan-Eric Heinrichs (University of Bonn (DE)) ()</p> <p>16:30 DMZ - Elizabeth Berzin (Stanford University) ()</p> <p>16:40 Teasing paper and discussion - Roberta Araldi (Universita e INFN Torino (IT)) Pierfrancesco Butti (CERN) ()</p>	<p>12:30 --- Lunch ---</p> <p>14:00 Hands-on session (until 15:30) ()</p> <p>15:30 --- Coffee Break ---</p> <p>16:00 Hands-on session (until 17:30) ()</p> <p>18:30 --- Social Dinner ---</p>	<p>12:00 --- Lunch ---</p> <p>13:30 Hands-on session (until 15:30) ()</p> <p>15:30 --- Coffee Break ---</p> <p>16:00 Topical Discussions (until 16:30) ()</p> <p>16:00 Using ACTS with drift chambers and drift/straw tube detectors - Roberto Petti (University of South Carolina (US)) Xiaocong Ai (Zhengzhou University) Shujie Li (Berkeley Lab) Noemi Calace (CERN) Nibir Talukdar (National Institute of Technology Calicut) Joe Osborn (Brookhaven National Laboratory) Cheuk Ping Wong (Brookhaven National Laboratory) ()</p> <p>16:30 Hands-on session (until 18:00) ()</p>	<p>12:30 --- Lunch ---</p> <p>14:00 Bus transfer to CERN (until 14:30) ()</p>



# Bus back to CERN

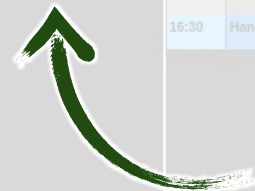
	18 Nov 2024	19 Nov 2024	20 Nov 2024	21 Nov 2024
AM	<p>09:00 Bus transfer from CERN (meeting point outside the CERN hostel in Meyrin) (until 09:30) ()</p> <p>09:30 --- Registration ---</p> <p>10:00 Introduction (until 10:40) ()</p> <p>10:00 Welcome! - Noemi Calace (CERN) ()</p> <p>10:10 Introduction: What's new since last workshop! - Paul Gessinger (CERN) ()</p> <p>10:30 Project Structure and Governance - Andreas Salzburger (CERN) ()</p> <p>10:40 Experiment reports I (until 12:00) ()</p> <p>10:40 STCF - Xiaocong Ai (Zhengzhou University) ()</p> <p>11:05 CEPC - Yizhou Zhang (Institute of High Energy Physics) ()</p> <p>11:30 ALICE - Igor Altsybeev (Technische Universitaet Muenchen (DE)) Pavel Laktionov (Inha University (KR)) ()</p>	<p>09:00 What's new since last workshop! - First Part (until 10:30) ()</p> <p>09:00 Geometry - Andreas Salzburger (CERN) ()</p> <p>09:30 Propagation and Navigation - Joana Niermann (CERN) ()</p> <p>10:00 Seeding - Rosanne Zara Hasan (Royal Holloway, University of London (GB)) ()</p> <p>10:30 --- Coffee Break ---</p> <p>11:00 What's new since last workshop! - Second Part (until 12:30) ()</p> <p>11:00 Track Finding - Dr Tim Adye (Science and Technology Facilities Council STFC (GB)) ()</p> <p>11:30 Track Fitting - Alexander J PFLEGER (University of Graz (AT)) Benjamin Huth (CERN) ()</p> <p>12:00 Vertexing - Andreas Stefl (Technische Universitaet Wien (AT)) ()</p>	<p>09:00 Topical Discussions (until 10:30) ()</p> <p>09:00 Integration of traccs - Stephen Nicholas Swatman (CERN (CH)) ()</p> <p>09:40 traccs and detrax: publication plans ()</p> <p>10:30 --- Coffee Break ---</p> <p>11:00 Topical Discussions (until 12:00) ()</p> <p>11:00 Impact of sensor degradation on the time reconstruction of CKF-tracking - Rodrigo Estevam De Paula (Universidade de Sao Paulo (BR)) ()</p> <p>11:30 Cluster formation, calibration, &amp; splitting - Louis-Guillaume Gagnon (University of California Berkeley (US)) ()</p>	<p>09:00 Invited Talk (until 10:00) ()</p> <p>09:00 OSPO: Open Science and Open Source at CERN - Giacomo Tenaglia (CERN) ()</p> <p>10:00 Workshop Closure (until 10:30) ()</p> <p>10:00 Workshop Closure - Andreas Salzburger (CERN) ()</p> <p>10:30 --- Coffee Break ---</p> <p>11:00 Hands-on session (until 12:30) ()</p>
PM	<p>12:00 --- Lunch ---</p> <p>13:30 Experiment reports II (until 15:15) ()</p> <p>13:30 ATLAS - ITk - Luthien Mlynarski (AGH University of Krakow (PL)) ()</p> <p>13:55 ATLAS - MS - Dimitra Amperidou (Aristotle University of Thessaloniki (GR)) ()</p> <p>14:20 ePIC - Barak Schmookler (Lawrence Berkeley Laboratory) Shujie Li (Berkeley Lab) ()</p> <p>14:45 sPHENIX - Joe Osborn (Brookhaven National Laboratory) ()</p> <p>15:15 --- Coffee Break ---</p> <p>15:45 Experiment reports III - Pierfrancesco Butti (CERN) Roberta Araldi (Universita e INFN Torino (IT)) (until 17:45) ()</p> <p>15:45 FASER - Xiaocong Ai (Zhengzhou University) ()</p> <p>16:05 NA60+ - Giacomo Alocco (Universita e INFN, Torino (IT)) ()</p> <p>16:30 Chengrin - Jan-Eric Heinrichs (University of Bonn (DE)) ()</p> <p>16:30 DMZ - Elizabeth Berzin (Stanford University) ()</p> <p>16:40 Teaspoon paper and discussion - Roberta Araldi (Universita e INFN Torino (IT)) Pierfrancesco Butti (CERN) ()</p>	<p>12:30 --- Lunch ---</p> <p>14:00 Hands-on session (until 15:30) ()</p> <p>15:30 --- Coffee Break ---</p> <p>16:00 Hands-on session (until 17:30) ()</p> <p>18:30 --- Social Dinner ---</p>	<p>12:00 --- Lunch ---</p> <p>13:30 Hands-on session (until 15:30) ()</p> <p>15:30 --- Coffee Break ---</p> <p>16:00 Topical Discussions (until 16:30) ()</p> <p>16:00 Using ACTS with drift chambers and drift/straw tube detectors - Roberto Petti (University of South Carolina (US)) Xiaocong Ai (Zhengzhou University) Shujie Li (Berkeley Lab) Noemi Calace (CERN) Nibir Talukdar (National Institute of Technology Calicut) Joe Osborn (Brookhaven National Laboratory) Cheuk Ping Wong (Brookhaven National Laboratory) ()</p> <p>16:30 Hands-on session (until 18:00) ()</p>	<p>14:00 Bus transfer to CERN (until 14:30) ()</p>



# Social Dinner

	18 Nov 2024	19 Nov 2024	20 Nov 2024	21 Nov 2024
AM	09:00 Bus transfer from CERN (meeting point outside the CERN hostel in Meyrin) (until 09:30) ()	09:00 What's new since last workshop! - First Part (until 10:30) ()	09:00 Topical Discussions (until 10:30) ()	09:00 Invited Talk (until 10:00) ()
	09:30 --- Registration ---	09:00 Geometry - Andreas Salzburger (CERN) ()	09:00 Integration of tracc - Stephen Nicholas Swatman (CERN (CH)) ()	09:00 OSPO: Open Science and Open Source at CERN - Giacomo Tenaglia (CERN) ()
	10:00 Introduction (until 10:40) ()	09:30 Propagation and Navigation - Joana Niermann (CERN) ()	09:40 tracc and detray: publication plans ()	10:00 Workshop Closure (until 10:30) ()
	10:00 Welcome! - Noemi Calace (CERN) ()	10:00 Seeding - Rosanne Zara Hasan (Royal Holloway, University of London (GB)) ()	10:30 --- Coffee Break ---	10:00 Workshop Closure - Andreas Salzburger (CERN) ()
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	10:30 Project Structure and Governance - Andreas Salzburger (CERN) ()	11:00 What's new since last workshop! - Second Part (until 12:30) ()	11:00 Impact of sensor degradation on the time reconstruction of CKF-tracking - Rodrigo Estevam De Paula (Universidade de Sao Paulo (BR)) ()	11:00 Hands-on session (until 12:30) ()
	10:40 Experiment reports I (until 12:00) ()	11:00 Track Finding - Dr Tim Adye (Science and Technology Facilities Council STFC (GB)) ()	11:30 Cluster formation, calibration, & splitting - Louis-Guillaume Gagnon (University of California Berkeley (US)) ()	
	10:40 STCF - Xiaocong Ai (Zhengzhou University) ()	11:30 Track Fitting - Alexander J PFLEGER (University of Graz (AT)) Benjamin Huth (CERN) ()		
	11:05 CEPC - Yizhou Zhang (Institute of High Energy Physics) ()	12:00 Vertexing - Andreas Stefl (Technische Universitaet Wien (AT)) ()		
	11:30 ALICE - Igor Altsybeev (Technische Universitaet Muenchen (DE)) Pavel Laktionov (Inha University (KR)) ()			
	12:00 --- Lunch ---	12:30 --- Lunch ---		
	13:30 Experiment reports II (until 15:15) ()	14:00 Hands-on session (until 15:30) ()	13:30 Hands-on session (until 15:30) ()	13:30 --- Lunch ---
	13:30 ATLAS - ITk - Luthien Mlynarski (AGH University of Krakow (PL)) ()	15:30 --- Coffee Break ---	15:30 --- Coffee Break ---	14:00 Bus transfer to CERN (until 14:30) ()
	13:55 ATLAS - MS - Dimitra Amperidou (Aristotle University of Thessaloniki (GR)) ()	16:00 Hands-on session (until 17:30) ()	16:00 Topical Discussions (until 17:30) ()	
	14:20 ePIC - Barak Schmookler (Lawrence Berkeley Laboratory) Shujie Li (Berkeley Lab) ()		16:00 Using ACTS with soft chambers and advanced fibre detectors - Yoon Gyu Kim (University of South Carolina (US)) Xiaoping Ai (Chengde University) Shujie Li (Berkeley Lab) Noemi Calace (CERN) Yoon Taekwon (National Institute of Technology Chosun (South Korea)) Soren Ostman (Brookhaven National Laboratory) Cheuk Ting Hong (Brookhaven National Laboratory) ()	
	14:45 sPHENIX - Joe Osborn (Brookhaven National Laboratory) ()		16:30 Hands-on session (until 17:30) ()	
	15:15 --- Coffee Break ---			
	15:45 Experiment reports III - Pierfrancesco Butti (CERN) Roberta Araldi (Universita e INFN Torino (IT)) (until 17:45) ()			
	15:45 FASER - Xiaocong Ai (Zhengzhou University) ()			
	16:05 NA60+ - Giacomo Alocco (Universita e INFN, Torino (IT)) ()			
	16:30 Chengrin - Jan-Eric Heinrichs (University of Bonn (DE)) ()			
	16:45 Elizabeth Berzin (Stanford University) ()			
	17:45 Teaser paper and discussion - Roberta Araldi (Universita e INFN Torino (IT)) Pierfrancesco Butti (CERN) ()			

18:30 --- Social Dinner ---

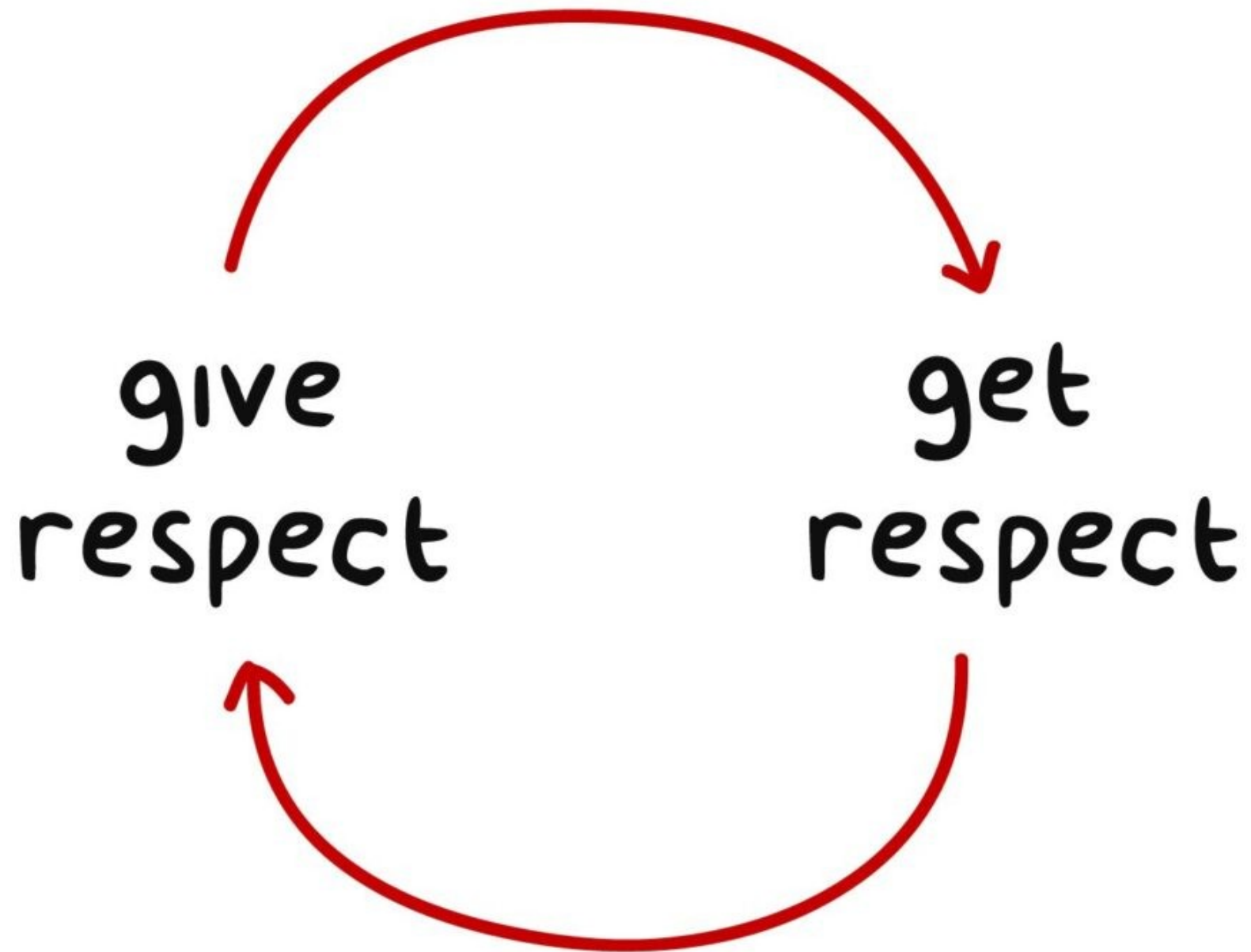


## Social event

Dinner together in the main building followed by socialisation in this room (again)  
Refreshment will be provided!









# Enjoy the workshop!

