

Project information

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Table of Contents

LEAPS-INNOV 2 nd Annual Meeting Description	p. 2
LEAPS-INNOV 2 nd Annual Meeting Agenda	p. 5
LEAPS-INNOV 2 nd Annual Meeting Participant List	p. 6



LEAPS-INNOV 2nd Annual Meeting Group picture on 28 Mar, DESY

LEAPS-INNOV 2nd Annual Meeting Description

The LEAPS-INNOV 2nd Annual Meeting took place as a face-to-face meeting in a hybrid format 28-30 March 2023 at the European XFEL and DESY, Hamburg, Germany.

The aim of the Annual Meeting was to bring together the LEAPS-INNOV project community to let the work packages (WPs) meet and discuss achieved and planned work, for an exchange across all WPs, for discussing the project's relevant current issues and discuss and engage with the LEAPS-INNOV Innovation Advisory Board. This second *in-person* meeting was very much welcomed by the community and hybrid options were offered whenever needed.

152 registered LEAPS-INNOV members participated the Annual Meeting: 108 in person on site and 44 remotely (see *Participants List*). The participants included representatives from all project beneficiaries, all WP leaders and their members, members of the Governing Board and Innovation



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Advisory Board, and special guests, e.g. the project coordinators of the INFRA-INNOV pilots Aida-Innova and I.FAST - overall a broad, diverse and international audience.

The LEAPS-INNOV Annual Meeting 2023 started on 28 March with a Welcome by Nicole Elleuche, European XFEL, followed by Elke Plönjes, the LEAPS-INNOV Scientific Coordinator at the European XFEL. Two half days were dedicated to individual WP sessions allowing detailed discussions and brainstorming for the WPs in a fruitful atmosphere and with a dinner for the WPs only for socialising within the individual WPs. WP leaders reported from very constructive WP meetings during the closing Executive Board meeting. Furthermore, the industry WP8 participated during a specific time slot to the other technical WPs to discuss specific issues on industry.

On 29 March, the Plenary Session was opened by Markus Gühr, FLASH/DESY with a Welcome, followed by an introductory talk by the Scientific Coordinator Elke Plönjes (DESY). She reported from the outcome of the first periodic report reviewed that was very positive evaluated and showed an overall good progress of the project. However, the project WP leaders were warned to consider the effects of the deterioration of the economic situation possibly creating risks in the second period. The 3 pilot projects were also reminded to collaborate even more in the future. Thus, Elke Plönjes then reports on the joint activities with the RI Co-Innovation Platform members, who continued to meet also in the second year and have had a first face-to-face meeting. Joint actions are planned with RI-INNOV industry experts (IPR courses, in-person meeting at BSBF2022, start of joint plans for BSBF 2024, ...) and the coordinators notified each other about upcoming workshops and activities (industry and technology related). Elke also highlighted the WP9 Co-creation implementation studies, the three projects ranked the highest.

Elke Plönjes reminded the audience that the Plenary Sessions focus lies in the collaboration with and outreach to industry and that all talks will be linked to this. Innovative co-development of LEAPS needs an industrial ecosystem. Proximity is a clear advantage in the development project. A European supply chain connects people, products, processes and developments across LEAPS. The aim for the upcoming years in the project is to develop a LEAPS strategy for sustainable industry partnership and co-innovation based on practical experiences.

The LEAPS-INNOV twin pilot project coordinators of AIDA-INNOVA and I.FAST presented their work in progress focussing on the industrial activities. HZDR's ILO director Paul Harten presented new approaches to sustainable cooperation with industrial partners at RIs, before the technical WPs presented their reports to the audience, also highlighting lessons learnt when working with industry. Finally, Paul Harten, Kitty Fritz-Nielson from RI Logistica and the Innovation Advisory Board members had a panel discussion on challenges when collaborating and interests from industry and facilities.

The joint dinner on the second day in the DESY canteen was opened by Jean Daillant, SOLEIL, LEAPS chair. Who gave a short report on the history of LEAPS calling LEAPS-INNOV as biggest success of LEAPS.

The third day started with a Governing Board meeting (closed session) to report to the GB members on recent developments, progress of the project and an overview on the budgetary situation, which was all very welcomed. The third plenary session finally focused on the WP8 (industry) and WP9 (Co-creation) reports, followed by a presentation on the LEAPS strategy and priorities given by Jean Daillant, LEAPS Chair. The Plenary session was finalized by Elke Plönjes with some closing remarks on



future planned activities. The WP leaders met briefly to wrap up during a short Executive Board meeting (closed session). All presentation slides can be found on the project shared folder on the DESY Cloud, available to all project members.

The agenda granted plenty of opportunities for formal as well as informal exchange. Altogether, the mixture of informative and insightful presentations, exchange formats such as Q&As as well as fruitful networking opportunities during the breaks and dinners and discussions contributed to an engaging, lively and successful hybrid event.



LEAPS-INNOV 2nd Annual Meeting Group picture on 28 Mar, European XFEL



LEAPS-INNOV 2nd Annual Meeting Agenda

LEAPS-INNOV: Annual Meeting Draft Agenda 28-30 March, 2023 DESY & EuXFEL (Hamburg, Germany)

Event website: <https://indico.desy.de/event/37196/>

Zoom link for the plenary sessions: <https://desy.zoom.us/j/69438710248>

(Password: 953828)

Tuesday March 28, 2023 (EuXFEL), 13:30-19:00 CEST

13:30h Registration & Networking Coffee (XHQ, Foyer)

14:15h Common Opening (Nicole Elleuche, EuXFEL)

14:30 - 17:30h **WP Session 1** (parallel WP meetings, WP2-7, WP9) (EuXFEL, rooms see Annex I)
16:00 - 16:30h Coffee Break

17:30h Tour EuXFEL

19:00h End of Day 1 (Bus transfer from EuXFEL to S Blankenese available for tour participants)

20:00h WP dinners (own costs, WP own organisation)

Wednesday March 29, 2023 (EuXFEL & DESY), 08:30-19:30 CEST

8:30 - 12:00h **WP Session 2** (parallel WP meetings, WP2-7 with visitors of WP8, WP9) (EuXFEL, rooms see Annex I)

10:00-10:30h Coffee Break

12:00h → Bus transfer from EuXFEL to DESY

12:30h Networking Lunch (DESY, building 5, Hoersaal Foyer) + Group picture

LEAPS-INNOV PLENARY MEETING (DESY)

13:30 - 16:00h **Plenary Session 1** (building 5, Hoersaal) chaired by Jean Daillant

- 13:30h Welcome (Markus Gühr, DESY) and introduction by the Coordinator (Elke Plönjes) (17'+3')
- 13:50h Innovation pilot projects (on industry activities) AIDAInnova and I.FAST (Paolo Giacomelli, Maurizio Vretenar, CERN) (15'+5' each)
- 14:30h Talk: New approaches to sustainable cooperation with industrial partners at RIs (Paul Harten, HZB) (20'+ 10')
- 15:00h Reports from WPs, lessons-learned industry cooperation (15'+5')
 - 15:00h WP2 XAFS-Det
 - 15:20h WP3 SuperFlat
 - 15:40h WP4 NeXTGrating (10'+5')
 - Young scientist presentation (Analía Fernandez Herrero) (10'+5')

16:10 - 16:30h Coffee Break



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16:30 - 18:15h **Plenary Session 2** (*building 5, Hoersaal*) *chaired by Britta Redlich*

- 16:30h Reports from WPs, lessons-learned industry cooperation (15'+5')
 - 16:30h WP5 (POS)
 - 16:50h WP6 (LIDs)
 - 17:10h WP7 (Data)
- 17:30h Panel Discussion with IAB members and Closure by Coordinator (45')

18:30 - 19:30h **IAB Meeting, closed session** (IAB members, Coordinator & WP8 rep.) (*building 1, room 01*)

19:30h **End of Day 2**

20:00h **Working Dinner** (*DESY canteen*)

Thursday March 30, 2023 (DESY), 08:15-11:00 CEST

8:15 - 9:00h **GB meeting** (closed session, 45') (*building 2a, room 02*)

9:15 - 10:30h **Plenary Session 3** (*building 5, Hoersaal*) *chaired by Elke Plönjes*

- 9:15h Reports from WPs, lessons-learned industry cooperation (15'+5')
 - 9:15h WP8 (IND)
 - 9:35h WP9 (Co-Creation)
- 9:55h LEAPS Strategy and Priorities in 2023+ (15' + 5', Jean Daillant)
- 10:15h Wrap up and closing remarks of the LEAPS-INNOV Meeting (Elke Plönjes)

10:30h **Coffee Break**

10:30h **EB meeting** (closed session, 30' - Brainstorming, follow up actions) (*building 05, Hoersaal*)

11:00h **End of Meeting**

LEAPS-INNOV 2nd Annual Meeting Participant List

Name	Affiliation	Work package	In person / remote
Peter Anastasi	Silson Ltd	IAB	In person
Christoph Quitmann	RI - Research Instruments	IAB	In person
Nikolaj Zangenberg	Danish Technological Institute	IAB	In person
Michael Hennig	leadXpro AG	IAB	In person
Jean Daillant	Synchrotron SOLEIL	LEAPS Chair	In person
Wolfgang Dieter	AXILON AG	Expert	In person
Markus Guehr	Deutsches Elektronen-Synchrotron (DESY)	FLASH	In person
Ute Krell	Deutsches Elektronen-Synchrotron (DESY)	DESY EUP Advisor	In person
Rainer T. Lechner	ESUO & Montanuniversitaet Leoben	LEAPS RDB	In person
Marco Ramilli	European XFEL	Expert	In person
Michele Svandrik	Elettra Sincrotrone Trieste	LEAPS RDB Chair	In person



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Kai Tiedtke	Deutsches Elektronen-Synchrotron (DESY)	Expert	In person
Hans-Christian Wille	Deutsches Elektronen-Synchrotron (DESY)	Expert	In person
Tom Minniberger	Deutsches Elektronen-Synchrotron (DESY)	WP1	In person
Aymeric ROBERT	MAX IV Laboratory (LUND)	GB	In person
Julia Hauk	Deutsches Elektronen-Synchrotron (DESY)	WP1	In person
Elke Plönjes	Deutsches Elektronen-Synchrotron (DESY)	WP1	In person
Piotr Piwowarczyk	SOLARIS, Jagiellonian University	LEAPS	In person
Deike Pahl	European XFEL	GE Officer, LEAPS CB	In person
Franz Hennies	MAX IV Laboratory (LUND)	WP9	In person
Elena Hengstmann	Deutsches Elektronen-Synchrotron (DESY)	WP1	In person
Annika Thies	Deutsches Elektronen-Synchrotron (DESY)	WP1	In person
Michele Cascella	MAX IV Laboratory (LUND)	WP2	In person
Cédric COHEN	European Synchrotron Radiation Facility (ESRF)	WP2	In person
Emmanuel COLLET	European Synchrotron Radiation Facility (ESRF)	WP2	In person
Pablo Fajardo	European Synchrotron Radiation Facility (ESRF)	WP2	In person
Heinz Graafsma	Deutsches Elektronen-Synchrotron (DESY)	WP2	In person
Helmut Hirsemann	Deutsches Elektronen-Synchrotron (DESY)	WP2	In person
Francisco Jose (Paco) Iguaz Gutierrez	Synchrotron SOLEIL	WP2	In person
Luis Manzanillas Velez	Synchrotron SOLEIL	WP2	In person
Ralf Hendrik Menk	Elettra Sincrotrone Trieste	WP2	In person
Fabienne ORSINI	Synchrotron SOLEIL	WP2	In person
Marcos Quispe	ALBA-CELLS	WP2	In person
Bernd Schmitt	Paul-Scherrer-Institut (PSI)	WP2	In person
Shane Scully	Diamond Light Source	WP2	In person
Monica Turcato	European XFEL	WP2	In person
Edmund Welter	Deutsches Elektronen Synchrotron	WP2	In person
Carles Colldelram	ALBA-CELLS	WP2	In person
Jolanta Sztuk-Dambietz	European XFEL	WP2	In person
Søren Vrønning Hoffmann	ISA, Aarhus Universitet	WP3	In person
Lorenzo Raimondi	Elettra Sincrotrone Trieste	WP3	In person



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Silja Schmidtchen	European XFEL	WP3	In person
Horst Schulte-Schrepping	Deutsches Elektronen-Synchrotron (DESY)	WP3, 4	In person
Simon Alcock	Diamond Light Source	WP3, 4	In person
Patrice Bras	European Synchrotron Radiation Facility (ESRF)	WP3, 4	In person
Uwe Flechsig	Paul-Scherrer-Institut (PSI)	WP3, 4	In person
François Perrin	European Synchrotron Radiation Facility (ESRF)	WP3, 4	In person
François POLACK	Synchrotron SOLEIL	WP3, 4	In person
Amparo VIVO	European Synchrotron Radiation Facility (ESRF)	WP3, 4	In person
Hongchang Wang	Diamond Light Source	WP3, 4	In person
Frank Siewert	Helmholtz Zentrum Berlin	WP3, 4	In person
Ray Barrett	European Synchrotron Radiation Facility (ESRF)	WP3, 4	In person
Mikako Makita	European XFEL	WP3, 4	In person
Axel KAPROLAT	European Synchrotron Radiation Facility (ESRF)	WP3, 5	In person
Martin Beye	Deutsches Elektronen-Synchrotron (DESY)	WP4	In person
Christian David	Paul Scherrer Institut	WP4	In person
Jan Erjawetz	XRnanotech	WP4	In person
Analía Fernández Herrero	Helmholtz-Zentrum Berlin	WP4	In person
Bas Ketelaars	Raith	WP4	In person
Nazanin Samadi	Paul Scherrer Institut	WP4	In person
Thomas Krist	NOB Nano Optics Berlin GmbH	WP4	In person
Frank Scholze	Physikalisch-Technische Bundesanstalt (PTB)	WP4	In person
Juan Luis Friero Castro	ALBA-CELLS	WP5	In person
Riccardo Mincigrucci	Elettra Sincrotrone Trieste	WP5	In person
Joachim Schulz	European XFEL	WP5	In person
Oliver Seeck	Deutsches Elektronen-Synchrotron (DESY)	WP5	In person
Johann Baader	European XFEL	WP6	In person
Marco Calvi	Paul-Scherrer-Institut (PSI)	WP6	In person
Sara Casalbuoni	European XFEL	WP6	In person
Andrea Doria	ENEA	WP6	In person
Mohammed Ebbeni	MAX IV Laboratory (LUND)	WP6	In person
Andreas Grau	Karlsruhe Institute of Technology (KIT)	WP6	In person
OLIVIER MARCOUILLE	Synchrotron SOLEIL	WP6	In person
Hamed Tarawneh	MAX IV Laboratory (LUND)	WP6	In person



Heine Thomsen	ISA, Aarhus Universitet	WP6	In person
Markus Tischer	Deutsches Elektronen-Synchrotron (DESY)	WP6	In person
Mathieu VALLEAU	Synchrotron SOLEIL	WP6	In person
Jarosław Wiechecki	SOLARIS, Jagiellonian University	WP6	In person
Atoosa Meseck	Helmholtz-Zentrum Berlin (HZB) / JGU	WP6	In person
Thomas Schmidt	Paul-Scherrer-Institut (PSI)	WP6	In person
Simone Di Mitri	Elettra Sincrotrone Trieste	WP6	In person
Federico Nguyen	ENEA	WP6	In person
Antonio Bonucci	European XFEL	WP6, 8	In person
Gamil CASSAM-CHENAI	Synchrotron SOLEIL	WP7	In person
Jacob Filik	Diamond Light Source	WP7	In person
Markus Janousch	Paul Scherrer Institut	WP7	In person
Krzysztof Madura	SOLARIS, Jagiellonian University	WP7	In person
Zdenek Matej	MAX IV Laboratory (LUND)	WP7	In person
Garry O'Donnell	Diamond Light Source	WP7	In person
Majid Ounsy	SOLEIL Synchrotron	WP7	In person
Lorenzo Pivetta	Elettra Sincrotrone Trieste	WP7	In person
Egor Sobolev	European XFEL	WP7	In person
Darren Spruce	MAX IV Laboratory (LUND)	WP7	In person
Peter Steinbach	Helmholtz-Zentrum Dresden-Rossendorf (HZDR)	WP7	In person
Gary Yendell	Diamond Light Source	WP7	In person
David Pennicard	Deutsches Elektronen-Synchrotron (DESY)	WP7	In person
Marie-Joëlle ANTOINE	Synchrotron SOLEIL	WP8	In person
Paul Harten	Helmholtz-Zentrum Berlin (HZB)	WP8	In person
Ilka Mahns	Deutsches Elektronen-Synchrotron (DESY)	WP8	In person
Jana Pivonkova	European XFEL	WP8	In person
Ed Mitchell	European Synchrotron Radiation Facility (ESRF)	WP8	In person
Alejandro Sanchez Grueso	ALBA-CELLS	WP8	In person
Elizabeth Shotton	Diamond Light Source	WP8	In person
Britta Redlich	Radboud University, FELIX	LEAPS Vice Chair	In person
Barbara Calisto	ALBA-CELLS	WP9	In person
Rita Graceffa	European XFEL	WP9	In person
Judith Maichle	MAX IV Laboratory (LUND)	WP9	In person
DORIANA ORBANIC	MAX IV Laboratory (LUND)	WP9	In person
Olaf Schwarzkopf	Helmholtz-Zentrum Berlin (HZB)	LEAPS CB	remote
Guillaume Dovillaire	Imagine Optic	IAB	remote



Vanessa Grattoni	European XFEL		remote
Pawel Ziolkowski	European XFEL		remote
Francesca Curbis	Lund University		remote
Alexander Gottwald	Physikalisch-Technische Bundesanstalt (PTB)	LEAPS CB	remote
Maya Kiskinova	Elettra Sincrotrone Trieste	LEAPS CB	remote
Antonella Balerna	INFN-LNF	WP2	remote
Sudeep Chatterji	Diamond Light Source	WP2	remote
Eva Gimenez	Diamond Light Source	WP2	remote
Thierry MARTIN	European Synchrotron Radiation Facility (ESRF)	WP2	remote
Idoia Freijo Martin	European XFEL	WP3	remote
Muriel Thomasset	Synchrotron SOLEIL	WP3	remote
Christian Morawe	European Synchrotron Radiation Facility (ESRF)	WP3, 4	remote
Kawal Sawhney	Diamond Light Source	WP3, 4	remote
Josep Nicolas	ALBA-CELLS	WP3, 4	remote
Albert Van Eeckhout	ALBA-CELLS	WP3, 5	remote
Joan Vila-Comamala	Paul Scherrer Institut	WP4	remote
Dirk Wallacher	Helmholtz-Zentrum Berlin (HZB)	WP5	remote
Watier Yves	European Synchrotron Radiation Facility (ESRF)	WP5	remote
Chamseddine Benabderrahmane	European Synchrotron Radiation Facility (ESRF)	WP6	remote
Marie Emmanuelle Couprie	Synchrotron SOLEIL	WP6	remote
Massimo Ferrario	INFN-LNF	WP6	remote
Gael Le Bec	European Synchrotron Radiation Facility (ESRF)	WP6	remote
Jordi Marcos Ruzafa	ALBA-CELLS	WP6	remote
Alberto Petralia	ENEA (FSN)	WP6	remote
Ed Rial	Helmholtz Zentrum Berlin (HZB)	WP6	remote
Ben Shepherd	STFC Daresbury Laboratory	WP6	remote
Adriana Wawrzyniak	SOLARIS, Jagiellonian University	WP6	remote
Axel Bernhard	Karlsruhe Institute of Technology (KIT)	WP6	remote
Luca Giannessi	INFN and Elettra Sincrotrone Trieste	WP6	remote
Max Burian	DECTRIS	WP7	remote
Brigitte Gagey	Synchrotron SOLEIL	WP7	remote
Francesco Guzzi	Elettra Sincrotrone Trieste	WP7	remote
Stephane POIRIER	Synchrotron SOLEIL	WP7	remote
Nicolas Soler	ALBA-CELLS	WP7	remote
Ireneusz Zadworny	SOLARIS, Jagiellonian University	WP7	remote
Mirko Boin	Helmholtz-Zentrum Berlin (HZB)	WP8	remote



Philippe DEBLAY	Synchrotron SOLEIL	WP8	remote
Jamal EL MANSOURI	Synchrotron SOLEIL	WP8	remote
Magnus Larsson	MAX IV Laboratory (LUND)	WP8	remote
Cristina Modolo	Elettra Sincrotrone Trieste	WP8	remote
Cecilia Blasetti	Elettra Sincrotrone Trieste	WP9	remote
Ana VALCARCEL ORTI	Synchrotron SOLEIL	LEAPS CB, WP9	remote

