



NIMFEIA

Deliverable D1.1

Report from the Kick-off Meeting

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1. Report from the Kick-off Meeting

On 10 and 11 November 2022, the kick-off meeting for the NIMFEIA project was held at the Helmholtz-Zentrum Dresden-Rossendorf (HZDR) in Dresden, Germany. The agenda is enclosed as Annex 1.

All parties were represented by at least one delegate, the project officer participated online. This list of participants is attached as Annex 2.

At the opening of the meeting, Prof. Dr. Sebastian Schmidt, the director of HZDR, welcomed all guests, followed by a brief overview on the NIMFEIA project given by the coordinator, Katrin Schultheiss. After a *tour de table*, during which all participants introduced themselves, the project officer presented *HaDEA's role in supporting EU-funded R&I, rules and procedures in Horizon Europe*.

The remaining first day was devoted to the work package leaders presenting the activities of their respective work packages. Presentations were scheduled for 20 minutes followed by 10 minutes for discussions in which the participants engaged in eagerly. As the slides provided a very detailed overview of the planned activities and are available for download via the HZDR cloud, no additional minutes have been taken. The first day ended with a visit to the HZDR laboratories dedicated to the experimental research performed in NIMFEIA and a dinner.

Upon approval of its members, the first meeting of the General Assembly was held as part of the kick-off meeting at the beginning of the second day. In the final presentation of the NIMFEIA kick-off meeting, the representative of Infineon Technologies Dresden shared his *Perspectives from industry* on the topic of artificial intelligence in today's applications which was again followed by active discussions.



Group photo at the Kick-off Meeting of the NIMFEIA project at HZDR, 10 November 2022.



2. Annex 1: Agenda of NIMFEIA kick-off meeting

Thursday, 10 November 2022

8:00	<i>Pickup at Hotel</i>
9:00	Welcome by the host (<i>Sebastian Schmidt, Scientific Director of HZDR</i>)
9:15	Welcome by the coordinator + short overview on NIMFEIA (<i>Katrin Schultheiss</i>) Tour de table (<i>all participants</i>)
9:45	t.b.a. (<i>Diana Mjaschkova-Pascual, EU Project Officer</i>)
10:15	<i>Coffee</i>
11:00	Work package 2 – Laboratory-scale experiments (<i>Helmut Schultheiss</i>)
11:30	Work package 3 – Modelling the magnon reservoir in the GHz regime (<i>Joo-Von Kim</i>)
12:00	Work package 4 – Materials and device fabrication (<i>Mathias Kläui</i>)
12:30	<i>Lunch (Cafeteria HZDR)</i>
14:00	Work package 5 – Electrical read-out for wafer-scale integration (<i>Aleksandra Titova</i>)
14:30	Work package 6 – Real-world data testing and benchmarking (<i>Johan Mentink</i>)
15:00	Work package 7 – Towards antiferromagnets and terahertz (<i>Johan Mentink</i>)
15:30	<i>Coffee</i>
16:30	Lab visits / Open discussions
18:30	<i>Dinner at ALEX Dresden am Schloss</i>



Friday, 11 November 2022

8:00	<i>Pickup at Hotel</i>
9:00	<p>GA Meeting: NIMFEIA – how it will be managed and what everybody needs to know (<i>Katrin Schultheiss</i>)</p> <ul style="list-style-type: none">• Organizational structure• Continuous reporting – Deliverables due in next 12 months• Dissemination and Exploitation Plan + Committee• Data Management Plan• Pre-financing• Ethics Advisor• Suggestions for date and place of next Annual Meeting• Suggestions for date and place of next General Assembly (every 6 months)
9:45	Perspectives from industry (<i>Klaus Knobloch</i>)
10:15	<i>Coffee</i>
11:00	Open discussions
12:00	<i>Lunch (Cafeteria HZDR)</i>
13:30	Lab visits / Closing remarks



3. Annex 2: List of participants

* online attendance

No	Last Name	First Name	Party
1	Adam	Jean-Paul	Université Paris Saclay
2	Bejarano	Mauricio	Helmholtz-Zentrum Dresden-Rossendorf
3	Baumert	Anne	GlobalFoundries Dresden Module One LLC & Co. KG
4	Buchwald	Rajko	Helmholtz-Zentrum Dresden-Rossendorf
5*	Chappert	Claude	Université Paris Saclay
6	Devolder	Thibaut	Université Paris Saclay
7	Heins	Christopher	Helmholtz-Zentrum Dresden-Rossendorf
8	Hozaien	Nader	GlobalFoundries Dresden Module One LLC & Co. KG
9*	Jakob	Gerhard	Johannes Gutenberg-Universität Mainz
10	Kim	Joo-Von	Université Paris Saclay
11	Kläui	Mathias	Johannes Gutenberg-Universität Mainz
12	Knobloch	Klaus	Infineon Technologies Dresden GmbH & Co. KG
13	Körber	Lukas	Helmholtz-Zentrum Dresden-Rossendorf
14	Lindner	Jürgen	Helmholtz-Zentrum Dresden-Rossendorf
15	Mentink	Johan	Johannes Gutenberg-Universität Mainz
16	Mouhoub	Asma	Université Paris Saclay
17	Müller	Johannes	GlobalFoundries Dresden Module One LLC & Co. KG
18	Scholz	Daniel	Infineon Technologies Dresden GmbH & Co. KG
19	Schultheiss	Katrin	Helmholtz-Zentrum Dresden-Rossendorf
20	Schultheiss	Helmut	Helmholtz-Zentrum Dresden-Rossendorf
21	Thlang	Sonia	Université Paris Saclay
22	Titova	Aleksandra	GlobalFoundries Dresden Module One LLC & Co. KG

