SPRING

Deliverable D8.3

Mid-point report on organised scientific events and future plans

DOCUMENT FACTSHEET

Deliverable no.	D8.3: Mid-point report on organised scientific events and future plans
Responsible Partner	INRIA
Work Package	WP8: Dissemination, Communication and Exploitation
Task	T8.2: Dissemination and External Communication
Version & Date	VFinal, 15/06/2022
Dissemination level	[X] PU (public) [ ] CO (confidential)

CONTRIBUTORS AND HISTORY

Version	Editor	Date	Change Log
1	INRIA	15/05/2022	First Draft
2	INRIA	30/05/2022	Second Draft
Final	INRIA	15/06/2022	Final version including all partners comments

APPROVALS

Authors/editors	INRIA
Task Leader	ERM
WP Leader	INRIA

TABLE OF CONTENTS

SUMMARY OF ACTIONS AND FUTURE PLANS

The project's capacity to organise of (and participate in) scientific and technological events was severely hampered by the global pandemic that shut down almost all relevant events and activities for the major part of 2020 and 2021, the two first years of the SPRING project. However, some ad-hoc, opportunistic chances to communicate both about the project and its results were seized, resulting in reasonable impact given the conditions, in particular through piggybacking to larger events, and producing online content.

Future plans, including scientific workshops, are planned for the second half of the project, specifically after mid-term integration milestone for software modules is achieved, so as to allow better tuning of the produced software as well as partial co-design.

Results and plans are detailed in the subsequent sections of this document.

UPDATES TO TARGETS AND KPIS RELATIVE TO ORGANISATION OF EVENTS

Despite the scarcity of opportunities to organise events during the first two years of the project due to the pandemic, the following activities were held:

Stakeholders	Target audience	Achievements in the first half of the project
Healthcare actors	- Healthcare facilities managers - Hospitals managers and staff - Retirement homes managers and staff - Healthcare industries	- Local reach to Healthcare facilities managers & retirement home managers through preliminary market study in the Grenoble region (ERM, INRIA)
Robotics actors	- Robot manufacturers (parts or whole) - Software solution providers - Service providers	- European Robotics Forum 2020 (Barcelona, INRIA & PAL), 2021 (virtual, PAL) - *SIDO 2021 (Lyon: INRIA & ERM, Paris: ERM)*
Scientific and Academic community	- Researchers and engineers (including Early Career Researchers) - Fields of AI, robotics, gerontology/healthcare, social sciences	2020: Four online seminars (replays available on youtube): 1. SPRING technical seminar #1, Audio Visual Machine Perception for Human-Robot Interaction 2. SPRING Technical Seminar #2: Multi-Microphone Speech Enhancement 3. SPRING Technical Seminar #3: Conversational AI for Human-Robot Interaction: an introduction 4. SPRING Technical Seminar #4: Synchronisation and Cycle-Consistency in Computer Vision 2021: - Tutorial ICPR conference (Synchronization: a general framework for mosaicking, 3D reconstruction, matching and segmentation problems, UNITN, 2021) - Workshop at RO-MAN conference (trust in robotics in Healthcare, HWU, 2021) - Special lecture (Redouble 2021: Redoubling trust in robots. Are we ready to trust robots in the health care setting?, APHP, 2021) 2022: - Human Robot Interaction Workshop as a satellite event of the HRI Conference (PAL, 2022)
Policy makers and public authorities	- Authorities in charge of health policy and innovation strategy at local, regional, national or EU level.	- Informal meeting followed by contact to commission officials working on AI/robotics ethics, to be followed up with potential participation in upcoming AI ethics regulation consulting rounds
General public	- Elderly citizens and their families - Patient Associations - Tech enthusiasts	- Video presentation of the project and its robotic platform (Youtube, 2021) - Highlight reel video of the project achievements in its first half (Youtube, 2021)

Stakeholders	Target audience	Achievements in the first half of the project
	- Young students and children	- *Fête de la Science (French national science day, 2020, INRIA)*

As a reminder from our Dissemination and Communication Strategy (D8.1), the following KPIs were expected (numbers are for the entire duration of the SPRING project):

- KPI-DISS-5 Number of workshops or special sessions organised > 8. Result as of May 2022: 3, not counting the self-organised online seminars from 2020 (roughly 40% of target, approximately on track with KPI for the end of the project)
- KPI-COMM-4 Number of participations in outreach events > 10. Result as of May 2022: 1. This is due to most events being cancelled in 2020 and 2021.

FUTURE PLANS

In an update to our dissemination plan (D8.1), and provided no *Force Majeure* event occurs in the second half of the project, plans towards scientific and technological events include:

Partner	Item type & content	Timing	Reach
INRIA	- Organisation of workshops, special issues and tutorials at top-tier conferences and journals so as to foster research in fields relevant to SPRING	- In conjunction with upcoming major conferences	- 100-200 participants per event
UNITN	- Organisation of workshops and tutorials at top-tier conferences (CVPR/ICCV/ACM MM)	- second half of the project, 2 planned in 2022	- 30-50 participants
CVUT	- Tutorials organised at top computer vision conferences (CVPR, ICCV, ECCV)	- from 2023	- Largest conferences in the field
HWU	- Demos for visitors from local to national governmental level and industry representatives - Presentations (demo or stand) at the annual SICSA Scottish Informatics Demofest, an industrially-targeted research event	-Opportunistic basis - Second half	- Small groups - Several hundred attendees from Industry.
BIU	- Tutorial on audio sensing from moving platforms and organise special sessions on this topic at ICASSP, EUSIPCO and Special issue – J. on selected topics in signal processing - Disseminate the outcome of the project to leading industrial partners in Israel and world-wide via meeting with several leading industrial partners in Israel. - Local workshop for health-care employees in major hospitals in Israel, e.g. "SHEBA" hospital and "Ziv" hospital	- Second half of the project	- Largest conferences in the field
AP-HP	- CIPEG – Interdisciplinary congress of geriatrics professionals - Lecture at the Dijon University (DUIA Santé) - Lecture at the Pierre et Marie Curie University - Seminar with APHP's social and healthcare professionals - Seminar co-organized with the « Ethics Space of the Paris Region »	- Second half of the project -Last year of the project	- Eldercare and geriatric professionals, Social and healthcare students, researchers
ERM	- Present the demonstration application developed on the SPRING-ARI platform and integrating the work of the project teams during several specialised events (Global Industry, Enova, Vivatech, SIDO, IROS, Educatec, Worlddidac, Symposium GEII) - Series of webinars/tutorials targeting stakeholders, feeding the SPRING Youtube channel	Bi-yearly basis	Large scale events for stakeholders and industry
PAL Robotics	- Participation in specialised trade shows (such as the European Robotics Forum, European Robotics Week, ICT Proposers days or Smart City Expo)	Yearly	Large scale events for stakeholders and industry