

ARRIVAL - TUESDAY, MAY 2

19:00-
20:30 Welcome Drink

DAY 1 - WEDNESDAY, MAY 3

09:00	Welcome & Introduction <i>I. Emiris, "Athena" RC General Director & President</i>
09:30	Keynote Talk 1 - Industry 4.0 - Society 5.0: Technologies & Application Domains <i>A. Kalogerias, Industrial Systems Institute (ISI)</i>
10:00	Keynote Talk 2 - Multimodal Perception & Learning for Activity Recognition & Human-Robot Interaction <i>P. Maragos, Institute of Robotics (IRO)</i>
10:30	Poster & Demo Session For the list of posters & demos featured, see Annex
12:00	Panel 1 (technical) Language technology: from ChatGPT to Interpretable AI <i>Moderator: N. Katsamanis, Institute for Language & Speech Processing (ILSP). Panel: D. Galanis, (ILSP), G. Koutrika, Information Management Systems Institute (IMSI)</i>
12:45	Panel 2 (technical) Autonomous systems <i>Moderator: C. Alexakos (ISI). Panel: A. Fournaris (ISI), C. Kiourt (ILSP), A. Lalos (ISI), G. Papastefanatos (IMSI)</i>
13:30	Break & Networking
14:30	Panel 3 (non-technical) Research & Innovation at "Athena" RC <i>Moderators: V. Founta, Office of Strategic Partnerships, C. Vaitsis, Technology Transfer Office. Panel: Y. Dologlou (ILSP), A. Lalos (ISI), M. Terrovitis (IMSI), E. Petra (IW Unit)</i>

DAY 1 - WEDNESDAY, MAY 3

- 15:30 **Panel 4 (non-technical)**
Basic vs Applied Research at “Athena” RC
Moderators: G. Koutrika (IMSI), K. Pastra (ILSP), E. Vlachos (ISI)
Panel: S. Markantonatou (ILSP), S. Rapsomanikis, Environmental & Networking Technologies & Applications Unit (ENTA), T. Sellis (Archimedes Unit)
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- 16:30 **Poster & Demo Session**
For the list of posters & demos featured, see Annex
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- 18:00 **Team building adventure**
“The lost letter of Aggelos Sikelianos”
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- 20:00 **Social activity**

DAY 2 - THURSDAY, MAY 4

- 09:00 **Keynote Talk 3 - SciNoBo: Building Scientific Knowledge Graphs (KGs) with LLM-powered agents** H. Papageorgiou (ILSP)
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- 09:30 **Keynote Talk 4 - How to Tame Your UDF Dragons in Modern Data Engines** A. Simitsis (IMSI)
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- 10:00 **Keynote Talk 5 - 3D deep learning applications: Protein Hydration Sites Prediction and Creating 3D objects from 2D sketches**
G.A. Ioannakis (ILSP)
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- 10:30 **Coffee Break**
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- 11:30 **Panel 5 (technical)**
Digital Heritage up to the Metaverse
Moderator: D. Tsiafaki (ILSP). Panel: P. Constantopoulos (IMSI), G. Mylonas (ISI), G. Pavlidis (ILSP)
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- 12:15 **Panel 6 (technical)**
Health & Bio
Moderator: M. Terrovitis (IMSI). Panel: G. Drosatos (ILSP), E. Efthimiou (ILSP), P. Macheras (Pharmalnformatics Unit), I. Politis (ISI)
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- 13:00 **Break & Networking**

14:00	Panel 7 (non-technical) “Athena” RC Workplace Values & Environment <u>Moderators:</u> A. Fotopoulou (ILSP), G. Mylonas (ISI) <u>Panel:</u> P. Labropoulou (ILSP), Y. Stavrakas (IMSI), G. Steinhauer (ILSP)
15:00	Panel 8 (non-technical) “Athena” RC Vision, Identity & Goals <u>Moderators:</u> N. Katsamanis (ILSP), C. Koulamas (ISI), G. Papastefanatos (IMSI). <u>Panel:</u> I. Emiris, President, M. Garofalakis (IMSI), Y. Ioannidis, former President “Athena” RC, V. Katsouros (ILSP), C. Stylios (ISI)
16:15	Closing Remarks I. Emiris, “Athena” RC General Director & President

END OF SUMMIT

ANNEX

Demo Presentations

1. Advanced Signal Processing and Learning Techniques for Automotive Applications, Lalos A., ISI
2. IDION-Resource of richly documented idiomatic Greek, Markantonatou S., ILSP
3. Presentation of PolylexMG : A dataset for multiword expressions in the Modern Greek language, Fotopoulou A., ILSP, Nousias S., ISI, Kyriazi P., University of Essex

Project Presentations (flash talks)

1. DataBri-X: Data Process and Technological Bricks for expanding digital value creation in European Data Spaces, Stavrakas Y., IMSI
2. Intelligence at the edge of the factory: the EnerMan approach, Mylonas G., A. Fournaris A., ISI
3. The PSLifeStyle project: living lab on sustainable lifestyle, Petra E., “Athena” RC
4. Data Engineering for Data Science (DEDS): Training tomorrow’s data engineers, Simitsis A., IMSI
5. CLIMPACT: Science in the Service of the State & Society for Climate Change Mitigation, Simitsis A., IMSI
6. Unlocking the potential of RES monitoring data in MORE: Management of Real-Time Energy Data, Terrovitis M., Giannopoulos G., Papastefanatos G., IMSI
7. VIRTUOUS: Virtual tongue for food taste screening, Kalogeras A., ISI

Poster Presentations

- 1. ARCADIA - Autonomous Resource Allocation for Edge Infrastructures,**
Papastefanatos G., IMSI
- 2. SPEAK on the SPOT: An app for Learning Greek as a Foreign Language in Authentic Environments,** Antoniou-Kritikou I., Economou N., Flouda C., ILSP
- 3. A YEAR IN GREECE: Web and mobile app highlighting characteristic snapshots of Greek tradition for members of the Greek diaspora and foreigners,** Antoniou-Kritikou I., Tsoulouchas G., ILSP
- 4. Calculating Flux Densities of momentum, energy, and greenhouse gases: A service of the NEANIAS project,** Rapsomanikis S., ENTA Unit, “Athena” RC, Chondros N., Dept of Informatics NKUA, Konstantopoulos M., Dept of Informatics NKUA, Petra E., “Athena” RC, Rousopoulos M., Dept of Informatics NKUA
- 5. DataBri-X: Data Process & Technological Bricks for expanding digital value creation in European Data Spaces,** Stavrakas Y., IMSI
- 6. Fungible and Non-Fungible Tokens of Blockchain Technology,** Drosatos G., ILSP
- 7. Intelligence at the edge of the factory: the ENERMAN approach,** Fournaris A., Koulamas C., Mylonas G., Lalos A., Anagnostopoulos C., Haleplidis E., ISI
- 8. Micrometeorological determination of the Carbon Footprint of Viti-culture and Kiwi-culture in Eastern Macedonia and Thrace,** Kryona, Z-P., Loupa G., Kostenidou E. and Rapsomanikis S., ENTA Unit, “Athena” RC
- 9. myEleusis: myesis into Eleusis of the Past through Modern Eyes,** Tsiafaki D., Pavlidis G., Koutsoudis A., Ioannakis G.A., Kiourt C., Stavroglou K., Michailidou N., Arnaoutoglou F., Mourthos Y., Motsiou P., Katifori A., Boile M., Servi K., Petousi D., ILSP
- 10. Can All Avatar Characters Sign?** Efthimiou E., Wolfe R., Fotinea S.E., ILSP
- 11. On the use of pitch variation and acoustic models to detect allergic rhinitis in patients,** Dologlou Y., ILSP
- 12. On treebank development for under-resourced languages with active annotation,** Arampatzakis V., Stamou V., Pavlidis G., Markantonatou S., ILSP
- 13. PolylexMG, a multiword expression dataset in the Greek language,** A. Fotopoulou, S. Nousias, P. Kyriazi, ILSP
- 14. Researching fairness and explainability of AI algorithms in the AutoFair project,** Emiris I., Fotakis D., Giannopoulos G., Kavouras L., Psaroudaki E., Sacharidis D., Theologitis N., Tsopelas K., IMSI
- 15. Attack Attribution and Digital Forensic Readiness in Internet of Vehicles,** Alexakos C., Stefanidis K., Serpanos D., Bombotas A., Giannikos G., Katsini C., Raftopoulos C., Raptis G.E., ISI
- 16. Spectral and Energy Efficient Design for Next-Generation Wireless Communication Systems,** Vlachos E., ISI
- 17. Aphasia and Dementia Detection using speech in low-resource languages,** Katsamanis N., Plitsis E., Chatzoudis G., Stamouli S., ILSP
- 18. National infrastructure for Language Technologies for Digital Humanities,** Gavriilidou M., Piperidis S., Bakagianni J., Galanis D., Kolovou S., Tsiouli I., Pouli K., Labropoulou P., Deligiannis M., Gkirtzou K., Voukoutis L., ILSP

