



Collaborative Learning Activities

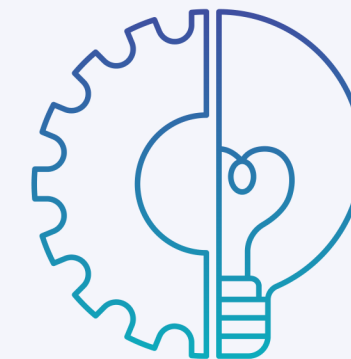
Results & Highlights

R6.3





Collaborative Learning Activities



AllS consortium organized the following Learning Activities to exchange knowledge on best practices, new models and methodologies

01

Cutting-edge technologies applied to medicine

Organized by University of Salamanca

02

Doctor's role for the transfer of knowledge to society

Organized by University of Mons

03

Innovative and collaborative teaching methods & multidisciplinary study groups

Organized by University of Thessaly & SciFY

04

Integration of training programs in studies -ECTS

Organized by University of Turku

05

Promotion HEIs-SMEs relationship

Organized by University of Salamanca



1. Cutting-edge technologies applied to medicine



The objectives of this Learning Activity were to:

01 Introduce to the partners the need to create trustworthy solutions in the health domain by publications and evidence

02 Explain to the partners the role of AI in patient empowerment and the importance of being able to identify bias by data AI bias prevention

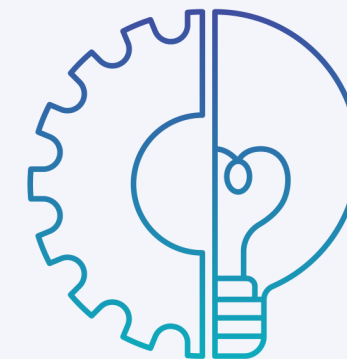


The speaker of this activity was: Luis Fernández Luque





1. Cutting-edge technologies applied to medicine



The goal of this activity was to:

- Understand the role of AI in patient empowerment and be able to identify biases and challenges for AI in patient empowerment. To raise it, some good practices in the application of artificial intelligence to different aspects of the health sector were presented. In the first place, the trainer shared some of his own experiences and research, such as the application of AI in the elderly sector, and then an interesting debate was generated about its application in other areas of medicine and the difficulties that this entails. For this first learning mobility, we had a great expert in this field. His name is Luis Fernández Luque he has substantial contributions to the creation and validation of Artificial Intelligence applications based on mobile and wearable technologies, including technologies such as deep learning and health recommender systems. His career has always been focused on the crossroads between computer science and behavioural change. He has ample experience in combining human factors research with artificial intelligence that know-how is of crucial importance for the successful completion of the two aims of the project.





2. Doctor's role for the transfer of knowledge to society



The objectives of this Learning Activity were to:

01

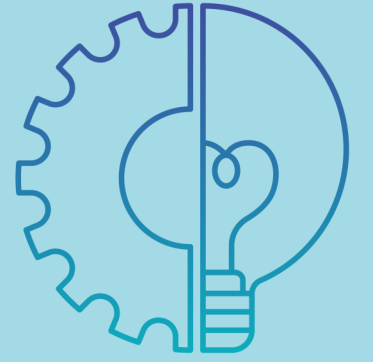
Increase the knowledge of partner's staff about the role of healthcare professionals in knowledge-transfer in digital health & AI.

02

Increase the knowledge of partner's staff about the role of a knowledge-sharing culture between society and industry.



2. Doctor's role for the transfer of knowledge to society



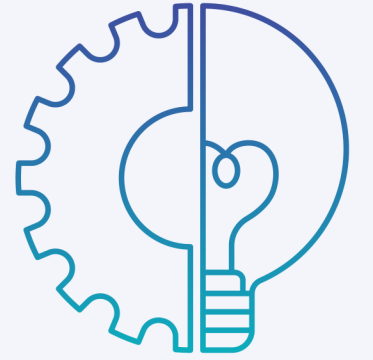
The speakers of this activity were:

- Dr. Giovanni Briganti a medical doctor, lead AI4Health, AI4Belgium, lecturer UMONS and psychiatry CHU Brugmann
- Giovanni Lanzani, Managing Director of GoDataDriven.





2. Doctor's role for the transfer of knowledge to society



Learning Outcomes were:

1st Session Highlights of (Best Practices & Methodologies)

Dr Briganti was focused on the Belgian experience in sharing the knowledge and their importance to apply AI in healthcare in Belgium. He mentioned main obstacles that face the introduction of AI in the healthcare sector and proposed solutions to surpass the issues.

2nd Session Highlights of (Best Practices & Methodologies)

The link between academia and industry is broken when citizens get the product developed by R&D departments of global enterprises — product often built standing on the shoulders of giants, the giants being academic research — but they don't get a possibility to re-create it in a cost-effective way. A change however is coming, thanks to open source software. The movement has started to instill a culture of sharing that has started permeating academic circles first — with researchers not only publishing papers, but also making data and code available —, and the industry later — with large institutions making algorithms available to the general public for free. This results in products — with high standards, both from an academic and a commercial point of view — that everyone can use (e.g. HuggingFace).



3. Innovative and collaborative teaching methods & multidisciplinary study groups

The objectives of this Learning Activity were to:

01 Increase the knowledge of partner's staff on innovative teaching methods and how to make multidisciplinary working teams work together.

02 Extend the local networking

03 Impulse new ideas and initiatives related to the AIIS topic, by increasing the scope of all its possible applications.



3. Innovative and collaborative teaching methods & multidisciplinary study groups

The speakers of this activity were:

- Dr. George Giannakopoulos PhD, Co-Founder and CEO of SciFY PNPC & AI Researcher on NCSR “Demokritos”, Institute of Informatics & Telecommunications.
- Professor Konstantinos Koutsogiannis from the University of Patras



3. Innovative and collaborative teaching methods & multidisciplinary study groups

Learning Outcomes were:

1st Session Highlights of (Best Practices & Methodologies)

SciFY's expert was focused more on how to create multidisciplinary working teams and manage them in a way that will be most productive while feeling fulfilled for their work and being part of their group. Since the expert has vast experience on managing such groups shared his condensed knowledge on this subject by sharing step to step methodologies accompanied with examples. This section was very crucial for the next steps of the project and especially WP3 and WP4 because partners must take into consideration methodologies for managing multidisciplinary working teams on the planning and implementation of these WPs. To be more specific, students from medical schools and technical schools have to work together on the aforementioned WPs thus making these teams multidisciplinary. Also on challenges (WP3) mentors will come from HEIs and companies and might also be members of the consortium so partners should know how to make this kind of team work together.

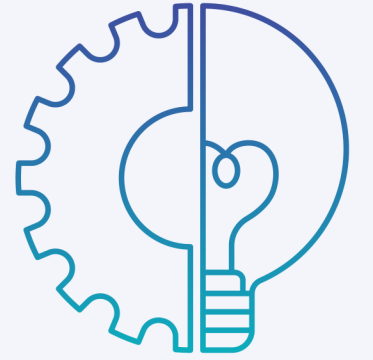
2nd Session Highlights of (Best Practices & Methodologies)

The representative of University of Thessaly used a Best Practice project to show a new way of learning which was used on Medical Students in Greece. In particular it was an ediverse where the students had the chance to learn through serious games and gamification elements using virtual reality features. During the session he shared his knowledge about the next step of ediverses which is augmented reality and spoke about the situation in the field. This section was very useful for the consortium since not only shared best practices, showed practical examples but also opened partners' horizons concerning the innovative and collaborative teaching techniques and tools something that they will use on WP2, WP3 and WP4.





4. Integration of training programs in studies -ECTS



The objectives of this Learning Activity were to:

01

Introduce the ECTS system and how it is applied in AIS context

02

Offer a practical approach to ECTS and course validation

03

Present the AI academy teaching at UTU

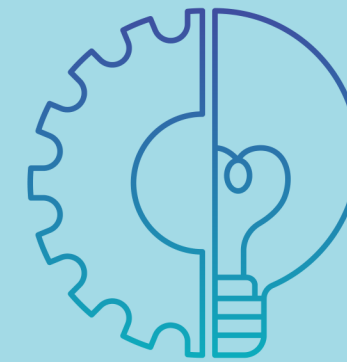
04

Present digitalization in medicine, eHealth and MEDigi





4. Integration of training programs in studies -ECTS



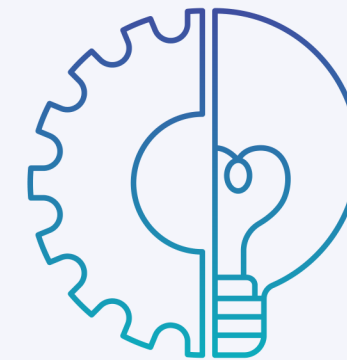
The speakers and the topics presented on this activity were:

- Werner Ravyse, Senior lecturer at Turku University of Applied Sciences
 - Topic of the presentation was: How are ECTS implemented in ALLS?
- Sanna Salanterä, Professor and Vice Dean of Medical Faculty, University of Turku
 - Topic of the presentation was: Practical approach to ECTS
- Reetta Mustonen, Doctoral researcher, University of Turku
 - Topic of the presentation was: Course Validation
- Riitta Rosio, Doctoral researcher, Project researcher, University of Turku
 - Topic of the presentation was: AI academy- teaching, AI at the University of Turku
- Teijo Saari, Professor and Chair, Head of Department, Anesthesiology and Intensive Care, University of Turku
 - Topic of the presentation was: Digitalization in medicine, eHealth and MEDigi





4. Integration of training programs in studies -ECTS



Learning Outcomes were:

1st Session Highlights of (Best Practices & Methodologies)

- How are ECTS implemented in AIIIS?

- Practical approach to ECTS

- Course Validation

2nd Session Highlights of (Best Practices & Methodologies)

- AI academy- teaching, AI at the University of Turku

- Digitalization in medicine, eHealth and MEDigi



Take advantage of AIIS Training

Be part of our community or simply stay tuned. Here is how:

- 01 Newsletter
- 02 Facebook (@AIIS_Project)
- 03 LinkedIn (@AIIS: Artificial Intelligence, Innovation & Society)
- 04 Twitter (@AiisErasmusPlus.)
- 05 Instagram (@aiis_eu)
- 07 YouTube (@AIIS EU Project)
- 06 Website



Want to see the full results of our research?

Find them here in:

- English
- Spanish
- Greek
- French
- Finish



**Stay tuned
for more!**



Co-funded by the
Erasmus+ Programme
of the European Union

This project has been funded with support from the European Commission.
This project reflects the views only of the author, and the Commission cannot
be held responsible for any use which may be made of the information
contained therein. 621534-EPP-1-2020-1-ES-EPPKA2-KA