



PRESS RELEASE

## **The Advanced Scientific Research of the RELATECH S.P.A. at the service of innovative systems for the early identification of biomarkers**

Milan, September 11<sup>h</sup> 2020

**Relatech S.p.A.**, *Digital Enabler Solution Knowledge (D.E.S.K.)* Company and Innovative SME listed on the AIM Italia market (Ticker: RLT), announces that as part of a research project involving Ithea s.r.l. - company founded as a spin-off of the University of Calabria with the participation of professors also from the School of Medicine and Surgery of the University of Catanzaro and today part of the **Relatech S.p.A. Group** - The preliminary but very promising results of a work on possible applications of **Artificial Intelligence** and **machine learning** applicable to the extraction of biomarkers from biological samples were presented.

At the first edition of the workshop on artificial intelligence applications for personalized medicine and wellbeing (Artificial intelligence for Health, Personalized Medicine and wellbeing) held as part of the conference - **ECAI 2020**, the first results of one of the R&D activities were presented of the Relatech Group carried out in the field of data analysis and machine learning technologies applied to biomedicine. Thanks to the collaboration with a group of University Professors and qualified Researchers of the University of Catanzaro as part of a research and development project, Relatech has contributed to the implementation of an academic work on the possibility of extracting biomarkers from biological data extracted from samples clinical and spectrometric data.

A scientific work describing the techniques used to achieve this was accepted for publication in the conference proceedings and was presented during the **ECAI** conference - as part of a workshop aimed at the application of these techniques in the health field. The ECAI 2020 edition, curated by personalities in the A.I. such as **Carme Torras** (Institut de Robòtica i Informàtica Industrial CSIC-UPC), **Luc De Raedt** (University KU Leuven), **Moshe Vardi** (George Distinguished Service Professor Rice University), **Stuart Russell** (Computer Science UC Berkeley), **Sylvie Thiebaut** (Australian National University) took place from 29 August to 9 September in Santiago de Compostela, albeit completely online due to Covid 19.



The general theme covered at the recent ECAI Conference was "**Paving the way towards Human-Centric AI**", while some of the specific themes were: "*Agent-based and multi-agent systems (MAS)*", "*Computational Intelligence ( CI)*", "*Machine Learning (ML)*", "*Robotics (ROB)*", "*Semantic Technologies (SEM)*" up to "*Artificial Intelligence for Health, Personalized Medicine and Wellness (HELPLINE)*" with the latest and most advanced results scientific on the issues.

The *Helpline* workshop was held on 4 September, organized by Professors and Researchers **Ester Zumpano** (DIMES University of Calabria), **Carmela Comito** (Research Institute CNR-ICAR), **Andrea Tagarelli** (DIMES University of Calabria), **Pierangelo Veltri**, (DMSC University di Catanzaro), **Sergio Greco**, (DIMES University of Calabria), during which the scientific work was presented which was also attended by **Pasquale Lambardi *President of the Relatech Group*** contributing on the themes of the workshop or on "***Artificial intelligence for health, personalized medicine and well-being (HELPLINE)***".

*"It is a source of pride for our Group and for me personally - declares **Pasquale Lambardi President and C.E.O. by Relatech s.p.a.** - that the results of our work in the field of Digital Enabler Technologies and Artificial Intelligence were the occasion for a hypothesis of concrete application in the biomedical field. Being effectively presented at such an important conference, such as ECAI 2020, proves our determination and willingness to invest in the field of innovative frontier technologies Digital Enabler. The long and proven collaboration with the Academic and University world has allowed us, allows us and will allow us to offer cutting-edge ICT applications and solutions for solutions to complex problems, such as, in this case, the fight against cancer with the possibility , demonstrated by this work of the Calabrian Professors and Researchers presented during the ECAI 2020 conference, to obtain information from clinical samples and identify biomarkers for tumor pathologies"*.

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*Relatech (ticker RLT ISIN IT0005371874), Digital Enabler Solution Knowledge (D.E.S.K.) Company, listed on AIM Italia since June 2019, is present on the market with innovative solutions dedicated to the digital transformation of companies. Relatech is an innovative SME focused on customers looking for the most innovative solutions, becoming a strategic partner for digitization and ICT services. Relatech constantly invests in Open innovation with an extensive R&D activity carried out internally and numerous partnerships with the main Italian Universities and research centers. Thanks to its digital platform and cloud based RePlatform, it provides services and develops innovative digital solutions in frontier technologies of Digital Enabler, such as Cloud, Cybersecurity, Blockchain, Big Data, Machine Learning, Artificial Intelligence, Internet of Things.*

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