AI is one of the biggest mega-trends towards the 4th industrial revolution. While these technologies promise business sustainability and product/process quality, it seems that the ever-changing market demands and the lack of skilled humans, in combination with the complexity of technologies, raise an urgent need for new suggestions. Suggestions that will be agile, reusable,...
The increasing amount and availability of collected data (cancer imaging) and the development of novel technological tools based on Artificial Intelligence (AI) and Machine Learning (ML), provide unprecedented opportunities for better cancer detection and classification, image optimization, radiation reduction, and clinical workflow enhancement. The 42-month INCISIVE project...

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EuCanImage: EuCanImage - A European Cancer Image Platform Linked to Biological and Health Data for Next-Generation Artificial Intelligence and Precision Medicine in Oncology

SALVADOR CAPELLA GUTIERREZ
The goal of EuCanImage is to build a highly secure, federated and large-scale European cancer imaging platform, with capabilities that will greatly enhance the potential of artificial intelligence (AI) in oncology. Firstly, the EuCanImage platform will be populated with a completely new data resource totaling over 25,000 single subjects, which will allow to investigate unmet...
Personalised Medicine (PerMed) opens unexplored frontiers to treat diseases at the individual level combining clinical and omics information. However, the performances of the current simulation software are still insufficient to tackle medical problems such as tumour evolution or patient-specific treatments. The challenge is to develop a sustainable roadmap to scale-up the...

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GENETTA: Genomic Data-Fusion Platform for Omics-Driven Precision Medicine
NATASA PRZULJ

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CASTIEL: Coordination and Support for National Competence Centres on a European Level
MARIA RIBERA SANCHO SAMSO

CASTIEL’s mission is to contribute to the success of the activities of the National Competence Centres (as realized in the Research and Innovation Action (RIA) in the same call EuroHPC-04-2019 by tackling both the maintenance and strengthening of excellence, while identifying and closing gaps due to the diverse levels of maturity between the different nations. CASTIEL...

EUROCC: National Competence Centres in the framework of EuroHPC
SERGIO GIRONA TURELL
The EuroCC activity will bring together the necessary expertise to set up a network of National Competence Centres in HPC across Europe in 31 participating, member and associated states, to provide a broad service portfolio tailored to the respective national needs of industry, academia and public administrations. All of this to support and increase strongly the national...

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DARIO GARCIA GASULLA

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ULISES CORTES
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