ASCAPE | Newsletter

ASCAPE Newsletter Issue 5 November 2022

Hello ASCAPE followers! This is the 5th issue of the ASCAPE newsletter that will help you dive in the latest technology developments around AI and its applications on cancer care. On the same time you be informed on ASCAPE's latest activities such as outcomes, milestones reached, news & events! To stay always up-to-date and discover more about us, you walk through our website or follow us on Twitter, Facebook, LinkedIn, YouTube.

How wearables can help cancer patients?

Why's everyone is talking about wearables? They refer to smart electronic multi-sensory devices that can be worn on the body or incorporated into clothing. In the case of healthcare, the interest is in activity trackers such as wristbands or smartwatches. ASCAPE exploits wearable devices to make use of data coming in from cancer patients to get a complete picture of their quality of life.. Discover more...

AI & healthcare: Love at first sight

AI has a long tradition in computer science dating back to the 1950s and has regained interest due to the practical success of Machine Learning (ML) techniques. The goal is to create usable AI systems that can learn from data, extract and generalize knowledge, and extract underlying factors that can be used to explain data. ASCAPE is using AI to predict and improve the Quality-of-Life of cancer patients to be used by doctors. Discover more...

Can we work with encrypted healthcare data? We say yes!

For many years researchers have been trying to find ways to preserve data privacy while avoiding hindering the use of machine learning-based methods for data analysis and prediction. ASCAPE uses Homomorphic encryption as a privacy measure to enable both training and prediction of machine learning models on encrypted patient data. Discover more...

European healthcare systems. Are they able to meet the growing needs?

Cancer is one of the leading causes of death worldwide. In the EU alone, every year 3.5 million people are diagnosed with cancer and 1.3 million people die from cancer. Where do European healthcare systems stand in terms of health coverage, use of human, financial and material resources, quality of services and responsiveness to patient demands? Discover more...
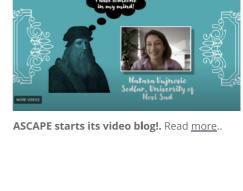
Latest Events

ASCAPE at 26th European Conference on Advances in Databases and Information Systems. Read more..

ASCAPE at "Jornadas de Informática en Salud 2022". Read more..

ASCAPE at AIOTI's "Signature Event IoT and Edge Computing: Societal Impact and Opportunities for the Green Digital Twin Transition. Read more.

ASCAPE starts its video blog!. Read more..

ASCAPE partners meet & work together at Örebro, Sweden. Read more...