SNOMED CT Research Webinar
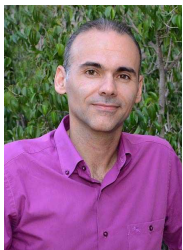
Wednesday, September 22, 2021
1400 UTC

Free Registration: https://snomed.zoom.us/webinar/register/WN_e7THAAUVT8eRzVlYR8RTRg

Join us on Wednesday, September 22, 2021 at 14.00 UTC for a SNOMED CT Research Webinar featuring Professor Jesualdo Tomás Fernández Breis and Francisco Abad who will be presenting: **Analysis of readability and structural accuracy in SNOMED CT**.

In the last years our research group has developed ontology quality assurance frameworks such as OQuaRE and OntoEnrich which allow for identifying strengths and flaws in the structure and engineering of the ontologies by exploiting both the logical and lexical content of the ontologies. In this work we will introduce the quality metrics we apply for studying the readability and the structural accuracy of ontologies. Readability quantifies the human-readable content, whereas structural accuracy accounts for the alignment between the lexical and the logical content. We will show and discuss the results of their application to SNOMED CT.

About our presenters:

Professor Jesualdo Tomás Fernández Breis, PhD in Computer Science. Head of the Informatics and Computer Systems Department and Director of the Msc in Bioinformatics at the University of Murcia (Spain). Member of the IMIB-Arrixaca Bio-Health Research Institute. His current medical informatics research lines are the application of semantic technologies for the development of Learning Health Systems and the development of ontology quality assurance methods.

Francisco Abad Navarro, PhD candidate in Computer Science at the University of Murcia (Spain). Since 2016 he has been a Research Assistant with the Department of Computing and Systems in the University of Murcia. Member of the IMIB-Arrixaca Bio-Health Research Institute. His research interests focus on Semantic Web technologies and its applications, such as ontology evaluation or information retrieval, and bioinformatics.