PIEAS Colloquium

Semantics driven big data analytics

By
Dr. S. M. Ali Hasnain

Biomedical Data Analytics Unit
Insight Centre for Data Analytics
National University of Ireland, Galway

Friday, September 22, 2017

At

14:00 hrs

In

PIEAS Lyceum

All are cordially invited

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Dr. Hasnain obtained his PhD in Computer Science from the National University of Ireland, Galway. His PhD dissertation title "Cataloguing and Linking publicly available Biomedical SPARQL Endpoints for Federation– addressing a Posteriori Data Integration", focused on analysing available data sources in Biomedical Domain. He introduced the notion, of ARDI (Autonomous Resource Discovery and Indexing) for facilitating "a posteriori integration". He also proposed BioFed which is a federated query processing engine for Life Sciences Linked Open Data. BioFed offers a single-point-of-access for distributed Life Science data which enables scientists to access the data from reliable sources without extensive expertise in SPARQL query formulation.

Dr Hasnain is currently a Postdoctoral Researcher and Adjunct Lecturer in the Biomedical Data Analytics Unit at the Insight Centre for Data Analytics. He obtained MS degrees in two disciplines namely "Engineering and Management of Information Systems" and "Project Management and Operational Development" from Royal Institute of Technology KTH, Sweden.

He has more than 10 years of experience in Software Industry while working with international companies including NCR, Teradata etc.