

# KGSWC 2021

## SCHEDULE

### Knowledge Graphs and Semantic Web Conference 2021

November 22, 2021

9:00 am – 4:00

Central Time

9:00 am – 9:30 am	Conference Opening <b>Chairs</b>	
9:30 am – 10:30 am	Professor Jim Hendler <b>Knowledge Graphs Semantics</b>	Keynote
10:30 am – 11:00 am	Break	
	Conference Program	Session 1
11:00 am – 11:30 am	<b>Towards Development of Knowledge Graph for Narrative Information in Medicine</b> Udaya Varadarajan and Biswanath Dutta	
11:30 am – 12:00 am	<b>An Enhanced Personal Profile Ontology for Software Requirements Engineering Tasks Allocation</b> Patience Usip, Udo Edward and Ini Umoeka	
12:00 pm – 12:30 pm	<b>Selecting Ontologies for Reuse: Case of constructing Hotel Room Ontology</b> Ronald Ojino, Luisa Mich and Nerey Mvungi	
12:30 pm – 13:00 pm	<b>Soft Computational Techniques to discover unique and precise knowledge from Big Data</b>	

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	Basavesha D, Dr. Bharathi S and Dr. Piyush Kumar Pareek	
13:00 pm – 13:30 pm	Comments and conclusions / Session 1	
13:30 pm – 14:00 pm	Break	
	Conference Program	Session 2
14:00 pm – 14:30 pm	<b>InDO: The Institute Demographic Ontology</b> Neha Keshan, Kathleen Fontaine and James Hendler	
14:30 pm – 15:00 pm	<b>Property Assertion Constraints for an Informed, Error-Preventing Expansion of Knowledge Graphs</b> Henrik Dibowski	
15:00 pm – 15:30 pm	<b>Leveraging Enterprise Knowledge Graphs for Efficient Bridging Between Business Data with Large-scale Web Data</b> Samir Sellami, Taoufiq Dkaki, Nacer Eddine Zarour and Pierre-Jean Charrel	
15:30 pm – 16:00 pm	<b>A System for Traffic Events Detection using Fuzzy C-Means</b> Hayder Endo-Pérez, Amed Leiva-Mederos, Daniel Galvez-Lio, Luis Hurtado, Doymer Garcia-Duarte and Ghislain Ateazing	
16:00 pm – 16:30 pm	Comments and conclusions / Session 2	

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### Knowledge Graphs and Semantic Web Conference 2021

November 23, 2021

9:00 am – 4:00

Central Time

9:00 am – 9:50 am	Professor Amit Sheth <b>Don't handicap AI without Explicit Knowledge</b>	Keynote
10:00 am – 10:50 am	Professor Pascal Hitzler <b>Modular Schema Development for Wikibase</b>	Keynote
10:50 am – 11:00 am	Break	
	Conference Program	Session 3

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11:00 am – 11:30 am	<b>Multilingual Short Text Analysis of Twitter using Random Forest Approach</b> Shikha Mehta, Tanya Jain and Nilesh Aggarwal	
11:30 am – 12:00 am	<b>Fabula: Hybridised Weightage based Book Recommendation System</b> Debajyoty Banik, Utkarsh Dixit, Rudra Narayan Mishra, Manoranjan Maharana, Ritesh Mishra and Suresh Chandra Satapathy	
12:00 pm – 12:30 pm	<b>Uniform Textual Feedback Analysis for Effective Sentiment Analysis</b> Alok Kumar and Renu Jain	
12:30 pm – 13:00 pm	<b>Towards Knowledge Graphs Validation through Weighted Knowledge Sources</b> Elwin Huaman, Amar Tauqeer and Anna Fensel	
13:00 pm – 13:30 pm	Comments and conclusions / Session 3	
13:30 pm – 14:00 pm	Break	
	Conference Program	Session 4
14:00 pm – 14:30 pm	<b>Bridging Upper Ontology and Modular Ontology Modeling: A Tool and Evaluation</b> Abhilekha Dalal, Cogan Shimizu and Pascal Hitzler	
14:30 pm – 15:00 pm	<b>Efficient Visual Sentiment Prediction approaches using deep learning models</b> Ganesh Chandrasekaran and Jude Hemanth	
15:00 pm – 15:30 pm	<b>Fake News Detection using Deep Learning</b> Srishti Sharma, Mala Saraswat and Anil Kumar Dubey	

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15:30 pm – 16:00 pm	<b>An Ontology-based Source Selection for Federated Query Processing: A Case Study</b> Yoan A. López, Hector González, Yusniel Hidalgo-Delgado and Erik Mannens	
16:00 pm – 16:30 pm	Comments and conclusions / Session 4	

## SCHEDULE

### Knowledge Graphs and Semantic Web Conference 2021

November 24, 2021

9:00 am – 4:00

Central Time

9:00 am – 9:50 am	Sören Auer <b>Building Knowledge Graphs leveraging Expert, Crowd and Machine Intelligence</b>	Keynote
10:00 am – 10:50 am	Dr. Paco Nathan <b>Graph Thinking</b>	Keynote
10:50 am – 11:00 am	Break	

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	Conference Program	Session 5
11:00 am – 11:30 am	<b>OntoKnowNHS: Ontology driven Knowledge centric Novel Hybridised Semantic Scheme for Image Recommendation using Knowledge Graph</b> Roopak N and Gerard Deepak	
11:30 am – 12:00 am	<b>Design and Analysis of NICS based Web Attack Detection for Advanced Intrusion Detection System</b> Shishir Kumar Shandilya	
12:00 pm – 12:30 pm	<b>The Covid-19 CODO Development Process: An Agile Approach to Knowledge Graph Development</b> Michael DeBellis and Biswanath Dutta	
12:30 pm – 13:00 pm	<b>Metadata Driven Semantically Aware Medical Query Expansion</b> Rituraj Ojha and Gerard Deepak	
13:00 pm – 13:30 pm	Comments and conclusions / Session 5	
13:30 pm – 14:00 pm	Break	
	Conference Program	Session 6
14:00 pm – 14:30 pm	<b>An Enhanced Meta-Model to Generate Web Forms for Ontology Population</b> Petko Rutesic, Mirjana Radonjic-Simic and Dennis Pfisterer	
14:30 pm – 15:00 pm	<b>Automatic Text Summarization using Transformers</b>	

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	Siwar Abbes, Sarra Ben Abbes, Rim Hantach and Philippe Calvez	
15:00 pm – 15:30 pm	<b>Empirical Evaluation of a Cloud-based Graph Database: The case of Neptune</b> Ghislain Auguste Ateazing	
15:30 pm – 16:00 pm	<b>Quality Assessment of Library Linked Data: A Case Study</b> Yusniel Hidalgo-Delgado, Yoan A. Lopez, Juan P. Febles and Amed Abel Leiva Mederos	
16:00 pm – 16:30 pm	Comments and conclusions / Session 6	