#CDW21 Event Program



connected data world

December 1 – Workshops & Masterclasses

December 2 – Masterclasses

December 3 – Conference Day

December 1 – Workshops & Masterclasses

Please note all times are published in GMT

To attend, go to the session's page a few minutes before the session starts.

The page will refresh, and you will be redirected to the session.

TIME - GMT	Track 1: Graph AI & Data Science	Track 2: Knowledge Graphs	Track 3: Connected Data
13:00 – 15:00	Graph Machine Learning - Research and industry applications Workshop Andreea Deac, Dr. Tiffany Callahan, Mikhail Galkin, Dr. Charles Hoyt & Sergei Ivanov - Mila | Université de Montréal, University of Colorado, Anschutz Medical Campus, Mila | McGill University, Harvard Medical School, Laboratory of Systems Pharmacology & Criteo AI Lab	The Momentum Behind Semantic Reasoning and Why It's Here to Stay Workshop Markus Nölke, Haonan Qiu, Tara Raafat, Peter Crocker, Ian Horrocks & Ora Lassila – Siemens Energy, BMW Car IT, CTO Office at Bloomberg LP, Oxford Semantic Technologies, Oxford Semantic Technologies & Amazon Neptune	Connected Data and Sustainability Workshop Paraskevi Zerva, Tanya Beck, Abhishek Gupta & James Phare – Microsoft, Neural Alpha, Montreal AI Ethics Institute & Connected Data World | Neural Alpha

15:15 – 17:15	Novel AI Hardware Architectures for Graph Processing Workshop Val G. Cook, Carlo Luschi, Evan Sparks & Tiernan Ray - Blaize, Graphcore, HPE & ZDNet	Knowledge Graphs in the Enterprise – What You Need to Know Workshop Ashleigh Faith, Katariina Kari, Michael Uschold & Mike Atkin – EBSCO, IKEA, Semantic Arts & Content Strategies	The role of Google's Knowledge Graph and Machine Learning in queryless search, Google Discover, and Google Moments Workshop Dawn Anderson, Jason Barnard, Cindy Krum & Andrea Volpini – Bertey, Kalicube, MobileMoxie & Wordlift
17:15 – 18:00	LUNCH BREAK		
18:00 – 20:00	Graph Data Science Masterclass Paco Nathan - Derwen	Personal Knowledge Graphs: A new paradigm for data sovereignty, productivity and creativity Workshop Jerry Michalski, Paramita Mirza, Alan Morrison, Jeff Tang & Ivo Velitchkov – Open Global Mind, Max Planck Institute for Informatics, Knowledge graph consulting, Athens Research & Independent Consultant	Investing in Connected Data Workshop George Anadiotis, Panos Papadopoulos, Bob van Lujit & Konstantin Vinogradov - Connected Data World | Linked Data Orchestration | Year of the Graph | ZDNet | VentureBeat, Marathon VC, SeMI Technologies & Runa Capital

20:15 – 22:15		Knowledge Graphs Created through Basic Machine Learning Masterclass Clair Sullivan – Neo4j	The Graph - Building a strategic advantage for your business with GraphQL Masterclass Michael Watson - Apollo GraphQL

December 2 – Masterclasses

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To attend, go to the session's page a few minutes before the session starts.

The page will refresh, and you will be redirected to the session.

TIME - GMT	Track 1: Graph AI & Data Science	Track 2: Knowledge Graphs	Track 3: Connected Data
13:00 – 15:00	Graph Powered Machine Learning - From Graph Analytics to Graph AI Masterclass Jörg Schad - ArangoDB	Foundation for a Knowledge Graph: Taxonomy Design Best Practices - Part 1 Masterclass Heather Hedden – Semantic Web Company	From Knowledge Graphs to Multimodal Search for E-Commerce websites Masterclass Andrea Volpini & Bo Wang – Wordlift & Jina AI
15:15 – 17:15	Evolution of Graph Algorithms – Benefits and Challenges Masterclass	Foundation for a Knowledge Graph: Taxonomy Design Best Practices - Part 2 Masterclass	DBpedia Knowledge Graph Tutorial for Beginners Masterclass Milan Dojchinovski, Jan Forberg & Johannes Frey – InfAI | DBpedia

	Ebru Cucen - Graph Aware | Open Credo	Heather Hedden – Semantic Web Company	
17:15 – 18:00		LUNCH BREAK	
18:00 – 20:00	TorchDrug: A powerful and flexible machine learning platform for drug discovery Masterclass Chence Shi, Zuobai Zhang & Zhaocheng Zhu - Mila | Université de Montréal	Developing NLP Solutions for Automatic Knowledge Graph Construction - Part 1 Masterclass Panos Alexopoulos – Textkernel	Data Art Initiation, Part 1 Masterclass Kirell Benzi – Kirelion
20:15 – 22:15		Developing NLP Solutions for Automatic Knowledge Graph Construction - Part 2 Masterclass Panos Alexopoulos - Textkernel	Data Art Initiation, Part 2 Masterclass Kirell Benzi – Kirelion

December 3 – Conference Day

Please note all times are published in GMT

To attend a session, go to the Connected Data World Center virtual venue

Then navigate your avatar to the designated space for the session you are interested in

TIME - GMT	TRACK 1 - Nodes	TRACK 2 - Edges
	The Plaza	
8:45 – 9:00	WELCOME ADDRESS	
9:00 – 9:45	Systems that learn and reason Frank van Harmelen – Network Institute | Hybrid Intelligence Centre | Vrije Universiteit Amsterdam	

09:45 – 10:30	UBS Helix Knowledge Graph – The Power of Information Natasa Varytimou – UBS	
10:30 – 11:00	COFFEE & NETWORKING	
	Western Auditorium	Eastern Auditorium
11:00 – 11:40	Applying Semantic Web Standards for Knowledge Representation at Elsevier: Quality Assurance and Release processes Veronique Moore – Elsevier	Digital Curation from the 1980s to the 2020s: A personal testimony Michel Bauwens - P2P Foundation
11:40 – 12:20	Legal Knowledge Graphs Vaishali Raghvani – Legislate	Implementing Informed Consent with Knowledge Graphs Anelia Kurteva - University of Innsbruck

12:20 – 13:00	Reasoning for the Answer: Who is the Greatest Formula 1 Driver of all Time? Peter Crocker - Oxford Semantic Technologies	Document Graphs for the Data Mesh: How we can leverage connections to create data products Gavin Mendel-Gleason - TerminusDB
13:00 – 14:00	LUNCH BREAK	
13:10 – 14:00	Awareness & Mindfulness: Introduction to the Feldenkrais method Live session at the Awareness Space with Alexander Ioannou	
13:10 – 14:00	Google Semantic Search: Search Engine Optimization (SEO) Techniques That Get Your Company More Traffic, Increase Brand Impact, and Amplify Your Online Presence Live Ask Me Anything at the Central Lounge with author David Amerland	
	Western Auditorium	Eastern Auditorium

14:00 – 14:40	One graph to bind them all! Linking data and apps for event-driven interoperability & automation Dave Duggal - EnterpriseWeb	Leveraging Graphcore's IPU architecture for large scale GNN compute Carlo Luschi - Graphcore
14:40 – 15:20	How a Knowledge Graph Can Support Advanced Price Analytics in Supply Chain Management Marcus Nölke - Siemens Energy	Hybridization of Machine Learning and Operational Research is the future of AI Nikolaj van Omme - Funartech
15:20 – 16:00	RDF Leveled the Advantages of LPG and Keeps 3 Key Benefits: Standards, Semantics and Interoperability Atanas Kiryakov - Ontotext	Graph Analytics vs Graph Machine Learning Jörg Schad - ArangoDB
	The Plaza	
16:00 – 16:15	WELCOME ADDRESS	

16:15 – 17:00	Thrill-K: Rethinking knowledge layering and construction for higher machine cognition Gadi Singer – Intel Labs	
17:00 – 17:40	Taxonomies: Connecting Data with Duct Tape Mike Dillinger - LinkedIn	
17:40 – 18:10	COFFEE & NETWORKING	
17:40 – 18:10	Semantic Modeling for Data: Avoiding Pitfalls and Breaking Dilemmas Live Ask Me Anything at the Central Lounge with author Panos Alexopoulos	
	Western Auditorium	Eastern Auditorium
18:10 – 18:50	What Executives Need to Know about Data Management Mike Atkin - Content Strategies	Knowledge Graphs: Moving Beyond RDF Kurt Cagle - Data Science Central

18:50 – 19:30	Introducing D3FEND: A Knowledge Graph of Cybersecurity Countermeasures Peter Kaloroumakis - MITRE	Graph Thinking Paco Nathan - Derwen
19:30 – 20:10	Knowledge Mesh: From Data Silos to Data Fabric at Global 2000 Enterprises David Amzallag & Szymon Klarman - BlackSwan Technologies	Graph Algorithms and Graph Machine Learning: Making Sense of Today's Choices Victor Lee - TigerGraph
20:10 – 21:00	LUNCH BREAK	
20:15 – 21:00	Awareness & Mindfulness: Introduction to the Feldenkrais method Live session at the Awareness Space with Alexander Ioannou	
20:15 – 21:00	Finding community in Connected Data Live Session at the Central Lounge with Ashleigh Faith, Katariina Kari and Tara Raafat	
	Western Auditorium	Eastern Auditorium

21:00 – 21:40	Humans and the Graph - Inspiring and empowering GraphQL adoption Dan Boerner - Apollo GraphQL	Knowledge Graphs, Graph AI, and the Need for High-Performance Graph Computing Keshav Pingali - Katana Graph
21:40 – 22:20	The Enterprise Knowledge Graph Omar Khan & David Newman - Wells Fargo	Neural Algorithmic Reasoning: Combining Classical Algorithms and Neural Networks Andreea Deac - Mila | Université de Montréal
22:20 – 23:00	Data Observability: How to Eliminate Data Downtime and Start Trusting Your Data Barr Moses – Monte Carlo	Graph Abstractions Matter Ora Lassila – Amazon Neptune
23:00 – 24:00	CLOSING PARTY	

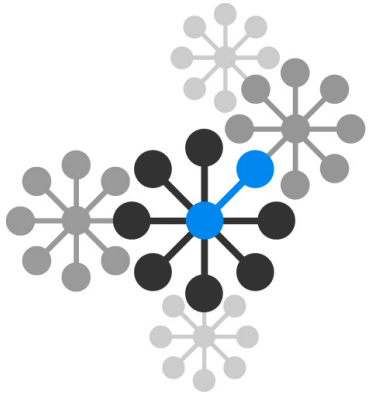
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