

	Doctoral Consortium		Computational Analogy		Process-Oriented CBR		CBR & Deep Learning		Computer Cooking Contest
Time		Time		Time		Time		Time	
		10:55-11:00 am	Fadi Badra and Tarek Besold - Welcome						
	<b>Session 1: Welcome and Agenda for the Day</b>		<b>Session 1: Analogical Inference</b>		<b>Session 1: Health Applications</b>		<b>Session 1: Welcome and Keynote</b>		
11:00 - 11:25 am	Invited speaker: Odd Erik Gundersen, NTNU	11:00 - 11:25 am	Henri Prade and Gilles Richard: A Discussion of Analogical-Proportion Based Inference	11:00 - 11:15 am	Introduction	11:00 - 11:10 am	Welcome		
11:00 - 11:25 am	<b>Brian Schack, Indiana University</b> (Michael Floyd, Knexus Research Corp.) Maintenance of Case Contents and Adaptation Rules	11:00 - 11:25 am	Pierre-Alexandre Murena, Jean-Louis Dessalles, and Antoine Cornuéjols: A Complexity Based Approach for Solving Hofstadter's Analogies	11:15 - 11:45 am	Gineth Magaly Cerón Rios, Diego Mauricio López Gutierrez, Belén Díaz Agudo and Juan Antonio Recio García Recommendation System based on CBR algorithm for the Promotion of Healthier Habits	11:10 - 12:15 am	Massimiliano Ruocco Deep Learning for Recommender Systems		
11:50 - 12:15 am	<b>Pierre Murena, Télécom ParisTech</b> (Agnar Aamodt, NTNU) Knowledge Transfer in Artificial Learning	11:50 - 12:15 am	Joseph A Blass, Irina Rabbkina, and Kenneth D. Forbus: Towards a Domain-independent Method for Evaluating and Scoring Analogical Inferences	11:45 - 12:15 am	Sara Nasiri and Madjid Fathi: Case Representation and Similarity Assessment in a Recommender System to Support Dementia Caregivers in Geriatric and Palliative Care"				
	<b>12:15-1:15 pm Lunch Break</b>		<b>12:15-1:15 pm Lunch Break</b>		<b>12:15-1:15 pm Lunch Break</b>		<b>12:15-1:15 pm Lunch Break</b>		<b>12:15-1:15 pm Lunch Break</b>
	<b>Session 2 - Healthcare Applications</b>		<b>Session 2 - Analogy for Reuse</b>		<b>Session 2 - PO CBR Applications</b>		<b>Session 2: Applications</b>		<b>Session 1</b>
								1:15 - 1:20 pm	Opening of CCC'2017
1:15 - 1:40 pm	<b>Manuel Striani, University of Turin</b> (David Leake, Indiana U.) A Framework for Multi-Level Semantic Trace Abstraction	1:15 - 2:10 pm	(Keynote) Enric Plaza: Analogy and Amalgams	1:15 - 1:45 pm	Ralph Bergmann, Mirjam Minor, Gilbert Müller and Pol Schumacher: Project EVER: Extraction and Processing of Procedural Experience Knowledge in Workflows	1:15 - 1:40 pm	Sadiq Sani Learning Deep Features for kNN-Based Human Activity Recognition	1:20 - 1:45 pm	Emmanuelle Gaillard, Jean Lieber and Emmanuel Nauer Adaptation of Taaable to the CCC'2017 Mixology and Salad Challenges, adaptation of the cocktail names
1:40 - 2:05 pm	<b>Irina Rabbkina, Northwestern University</b> (Isabelle Bichindaritz, SUNY Oswego) AToM: An Analogical Theory of Mind			1:45 - 2:15 pm	Ricardo Faia, Tiago Pinto, Tiago Sousa, Zita Vale and Juan Manuel Corchado: Automatic Selection of Optimization Algorithms for Energy Resource Scheduling using a Case-Based Reasoning System	1:40 - 2:05pm	Bjørn Magnus Mathisen Data driven case base construction for prediction of success of marine operations	1:45 - 2:10 pm	Johnathan Pagnutti and Jim Whitehead Cooking On The Margins: Probabilistic Soft Logics for Recommending and Adapting Recipes
2:05 - 2:30 pm	<b>Michael Schnell, Luxembourg Institute of Health</b> (Cindy Marling, Ohio U.) Case-Based Interpretation of Best Medical Coding Practices: Application to Data Collection for Cancer Registries	2:00 - 2:35 pm	Fadi Badra: A Language of Case Differences	2:15 - 2:45 pm	Maria Diapouli, Stelios Kapetanakis, Milto Petridis and Roger Evans Behavioural Analytics using Process Mining in On-line Advertising	2:05 - 2:30 pm	Kyle Martin A Convolutional Siamese Network for Developing Similarity Knowledge in the SelfBACK Dataset	2:10 - 2:35 pm	Gilbert Müller and Ralph Bergmann Cooking made easy: On a novel approach to complexity-aware recipe generation
2:30 - 2:55 pm	<b>Sara Nasiri, University of Siegen</b> (Ralph Bergmann, U. Trier) A Collaborative CBR Recommender System to Support Patients, its Relatives and Caregivers in Chronic and Palliative Care	2:35 - 3:00 pm	Scott Friedman, Mark Burstein, Jeffrey Rye, and Ugur Kuter: Analogical Localization: Flexible Plan Execution in Open Worlds	2:45 - 3:00 pm	Brief presentation: Overview of POCBR work presented in the main conference	2:30 - 2:55 pm	Daniel Lopez Sanchez Case representation with deep transfer learning: a web-mining case study	2:35 - 3:00 pm	Kari Skjold, Marthe Øynes, Kerstin Bach and Agnar Aamodt IntelliMeal - Enhancing Creativity by Reusing Domain Knowledge in the Adaptation Process
	<b>3:00-3:30 pm Coffee Break</b>		<b>3:00-3:30 pm Coffee Break</b>		<b>3:00-3:30 pm Coffee Break</b>		<b>3:00-3:30 pm Coffee Break</b>		<b>3:00-3:30 pm Coffee Break</b>
	<b>Session 3 - Industrial Applications</b>		<b>Session 3 - Analogy and NLP</b>		<b>Session 3 - PO Applications and Panel Discussions</b>				<b>Session 2</b>
3:30 - 3:55 pm	<b>Kyle Martin, Robert Gordon University</b> (Kerstin Bach, NTNU) A Case-Based Real-Time Adaptive Engineer Site Support System	3:30 - 3:55 pm	Rashel Fam and Yves Lepage: A Study of the Saturation of Analogical Grids Agnostically Extracted from Texts	3:30 - 4:00 pm	Eric Kübler and Mirjam Minor: A workflow cloud management framework with process-oriented case-based reasoning			3:30 - 3:55 pm	Michael Ohene A Proposed General Formula to Create and Analyze Baking Recipes
3:55 - 4:20 pm	<b>Kareem Amin, German Research Center for AI</b> (Stelios Kapetanakis, U. Brighton) Building an Integrated CBR-Big Data Oriented Architecture for Case-Based Reasoning Systems	3:55 - 4:20 pm	Yves Lepage: Character-Position Arithmetic for Analogy Questions between Word Forms	4:00 - 5:00 pm	Panel Discussion. Current status and challenges in Process Oriented CBR			3:55 - 4:20 pm	Christian Zeyen, Gilbert Müller and Ralph Bergmann Conversational Retrieval of Cooking Recipes
4:20 - 4:55 pm	<b>Bjørn Magnus Mathisen, NTNU</b> (Klaus-Dieter Althoff, U. Hildesheim) Exploiting Data to Support Operations of EXPOSED Aquaculture Installations	4:20 - 4:45 pm	Rafik Rhouma and Philippe Langlais: Experiments in Learning to Solve Formal Analogical Equations					4:20 - 5:00 pm	CCC Discussion and Planning
		4:45 - 5:00 pm	Concluding remarks and future of the workshop						