ICCBR 2018 Workshops and Doctoral Consortium July 10th 2018

	Room K12	Room K13	Room K14
08.00 - 8.30 Registration (entrance Hall B)			
08.30 - 10.00 Session 1	**RATIC - Reasoning about Time in CBR & Knowledge-Based Systems in Computational Design and Media (joint workshop)**	**CBRML - Synergies between CBR & Machine Learning & EvoCBR - Evolutionary Computation and CBR (joint workshop)**	**Doctoral Consortium**
	Invited Talk Kerstin Bach. Temporal reasoning in the selfBACK project	Introduction	Invited Talk David Leake. Career Cases: Tips for CBR Doctoral Students
	Neha Dubey, Sutanu Chakraborti, Deepak Khemani. Textual Summarization of Time Series using Case-based Reasoning: A Case Study	Devignes Marie-Dominique, Fransot Yohann, Yves Lepage, Jean Lieber, Emmanuel Nauer and Smaïl-Tabbone Malika. First steps toward finding relevant pathology-gene pairs using analogy Shaibal Barua, Shahina Begum and Mobyen Uddin Ahmed. Towards Distributed k-NN similarity for Scalable Case Retrieval	Entering a New World: The Minimal Amount of Knowledge to Act as a Trustworthy Adviser Using Case-Based Explanations in a New Domain, Jakob Michael Schoenborn. Mentor: David Leake
		Giorgio Leonardi, Manuel Striani, Silvana Quaglini, Anna Cavallini and Stefania Montani. From knowledge-based trace abstraction to process model comparison	
Coffee break			
10.30 - 12.00 Session 2	**XCBR - CBR for the Explanation of Intelligent Systems**	**CBRML - Synergies between CBR & Machine Learning & EvoCBR - Evolutionary Computation and CBR (joint workshop)**	**Doctoral Consortium**
		Tristan Gillard, Jean Lieber and Emmanuel Nauer. Improving Adaptation Knowledge Discovery by Exploiting	Personalized Treatment Recommendation for Non-Specific Musculoskeletal Disorders in Primary Care Using Case-Based Reasoning, Amar Jaiswal.
	Welcome from the organizers	Negative Cases: First Experiment in a Boolean Setting	Mentor: Michael Floyd
	Opening: David W. Aha. Open questions in XCBR and subjects to discuss during the workshop: directions/trends/lessons learnt/funding/other events in explanations	Trevor Lane, Raymond Berger and Holger Mauch. Solving a Variation of the Stable Roommates Problem Using Evolutionary Algorithms	Reasoning with Multi-Modal Sensor Streams for m-Health Applications, Anjana Wijekoon. Mentor: Isabelle Bichindaritz
	Invited Talk David Leake. Applying Explanatory Experience	Marie Al-Ghossein, Pierre-Alexandre Murena, Antoine Cornuéjols and Talel Abdessalem. Online Learning with Reoccurring Drifts: The Perspective of Case-Based Reasoning	The Writer's Mentor, Eriya Terada. Mentor: Antonio A. Sanchez-Ruiz
	Short paper. Sueyeon Lee, Samule Li, Harry Lim and Ian Watson. Creating an Explainable CBR System	Conclusion	
	Short paper. Adam Johs, Meaghan Lutts and Rosina Weber. Measuring explanation quality in XCBR		
	David Menager and Dongkyu Choi. Episodic Memory: Foundation of Explainable Autonomy		
Lunch (Scandik Talk Hotel)			
13.00-14.00	**Panel discussion**		
14.00 - 15.30 Session 3	**XCBR - CBR for the Explanation of Intelligent Systems**	**CBRDL - CBR and Deep Learning**	**Doctoral Consortium**
		Sara Nasiri, Julien Helsper, Matthias Jung, Madjid Fathi. Enriching CBR recommender system by classification of skin lesions using deep neural networks	Case-Based Explanation for Goal Monitoring, Zohreh Dannenhauer. Mentor: Kerstin Bach
	XCBR systems - General discussion, trends and future.	Sadiq Sani, Nirmalie Wiratunga, Stewart Massie, Kay Cooper. Study of Similarity Metrics for Matching Network-Based Personalised Human Activity Recognition Anjana Wijekoon, Nirmalie Wiratunga, Sadiq Sani. Improving Human Activity Recognition with Neural Translator Models	Recommender Systems and Explanations Based on Interaction Graphs and Link Prediction Techniques, Marta Caro-Martinez. Mentor: Jean Lieber CBR for Imitating the Human Playing Style in Ms. Pac-Man, Maximiliano Miranda. Mentor: Stelios Kapetanaki
Coffee Break			
16.00 - 17.30 Session 4	**XCBR - CBR for the Explanation of Intelligent Systems *Explanations in recommender systems***	**RATIC - Reasoning about Time in CBR & Knowledge-Based Systems in Computational Design and Media (joint workshop)**	**Doctoral Consortium** Ask the Mentors! Open Q&A with a Panel of our Mentors. All students at ICCBR are encouraged to attend!
	Belen Diaz-Agudo, Juan Recio-Garcia and Guillermo Jimenez-Diaz. Data explanation with CBR	João Cunha, Pedro Martins, Penousal Machado. Emojinating: Representing Concepts Using Emoji	
	Venkatsampath Raja Gogineni, Sravya Kondrakunta, Matthew Molineaux and Michael Cox. Application of Case-based Explanations to Formulate Goals in an Unpredictable Mine Clearance Domain	Eleftherios Bandis, Miltos Petridis and Stelios Kapetanakis. Predictive Process Mining Using a Hybrid CBR Approach for the Rail Transport Industry	
	Ian Watson, Dylan Hall, Nathan Hur and Jonathan Soulsby. An Approach to Producing Model-Agnostic Explanations for Recommendation Rankings		
	Marta Caro-Martínez, Guillermo Jiménez-Díaz and Juan A. Recio-García. A Theoretical Model of Explanations in Recommender Systems		
	Kyle Martin, Anne Liret, Nirmalie Wiratunga, Gilbert Owusu and Mathias Kern. Explainability through Transparency and User Control: A Case-Based Recommender for Engineering Workers		
	Conclusions and closure		
18.00 - 21.30 Welcome Reception Skybar Top Talk (19th floor of Scandic Talk Hotel)			