



Norwegian University of  
Science and Technology

Trondheim, Norway | 26-28 June 2017  
Twenty-Fifth International Conference on  
Case-Based Reasoning (ICCBR 2017)

## Conference Program

# Table of Contents

<b>Schedule</b>	<b>3</b>
<b>Sunday, 25 June 2017</b>	<b>3</b>
<i>Boat Tour</i>	3
<i>City Walk</i>	4
Doctoral Consortium (DC): Opening Session	4
<i>Group Dinner</i>	5
<b>Monday, 26 June 2017</b>	<b>6</b>
Overall Schedule	6
Plenary Session	6
Computer Cooking Contest (CCC)	6
Workshops	6
Doctoral Consortium (DC)	6
Tour of Telenor-NTNU's AI Lab	6
<i>Welcome Reception</i>	6
CCC and Workshops Schedule: Details	6
DC Schedule: Details	7
Workshop and CCC Schedule: Details	8
<b>Tuesday, 27 June 2017</b>	<b>9</b>
Plenary Sessions	9
Poster Session & Quiz	9
<i>Conference Banquet</i>	9
Posters: Details	10
<b>Wednesday, 28 June 2017</b>	<b>11</b>
Plenary Sessions	11
Community Meeting	11
<i>Fjord Walk</i>	11
<i>Post-Conference Dinner</i>	11
<b>Maps</b>	<b>12</b>
Conference locations in Trondheim	12
Getting from the city center to NTNU - Gløshaugen	13
Map of Campus Gløshaugen, NTNU	14
Map of Realfagsbygget @ Gløshaugen: Ground floor	15
Map of Realfagsbygget @ Gløshaugen: Floor U1	16

**Sunday, 25 June 2017**

**12:15 pm: Social event: Boat Tour**



We will enjoy a sightseeing tour in the harbour area and upwards Nidelva where you get to see the inner-city districts of Skansen and Ilsvikøra, as well as the old wharves and the Old Town Bridge in a new way. The boat tour will last for approximately 1.5 hours. A (free) stop at the island of Munkholmen is an option. After the boat tour, please join us for a 2-hour City Walk to see the sites of Trondheim. We anticipate ending our walk by about 4:00pm.

- **Signup deadline: 21 June!** Please sign up at <https://goo.gl/forms/wkaQveXPIDqsQiu2>
- **Cost: €40** (approximately): This **must** be in cash (i.e., euros or Norwegian kroner, only)
- **Meeting point: Ravnkloa, Trondheim**
- **Web site**

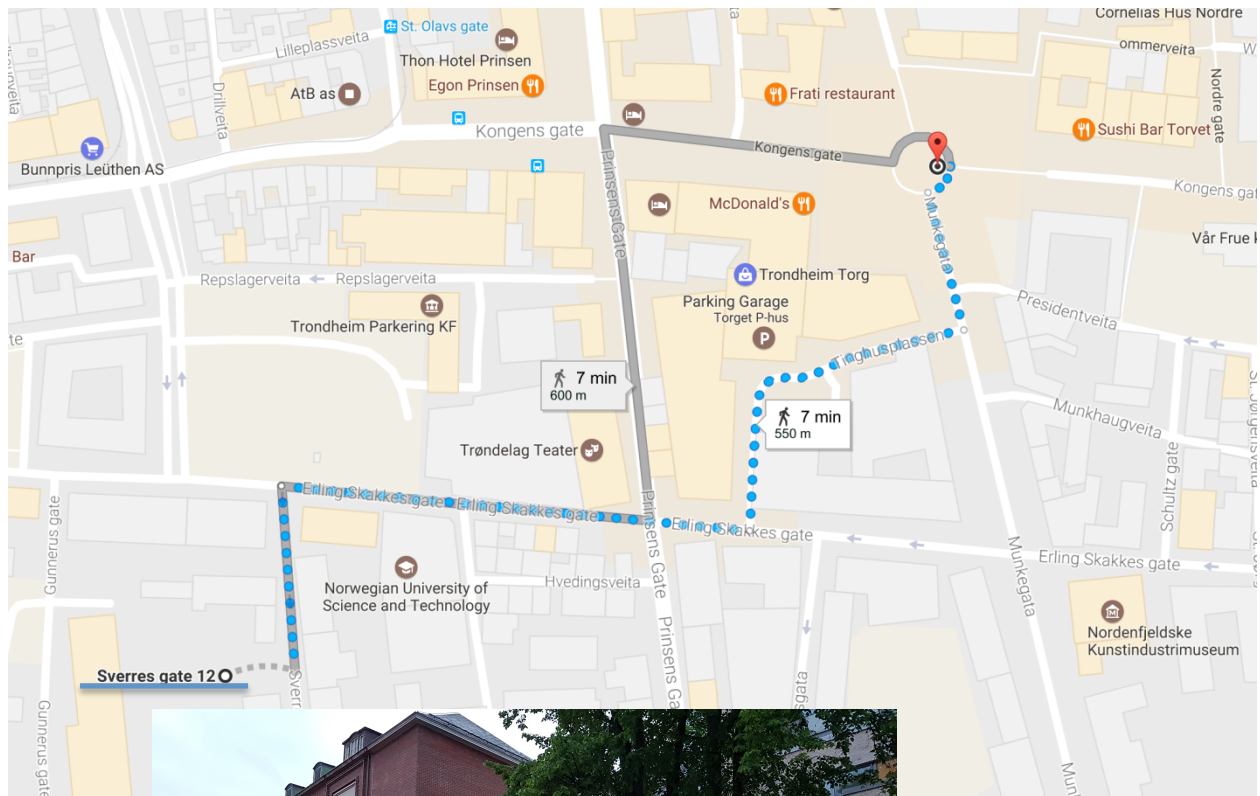


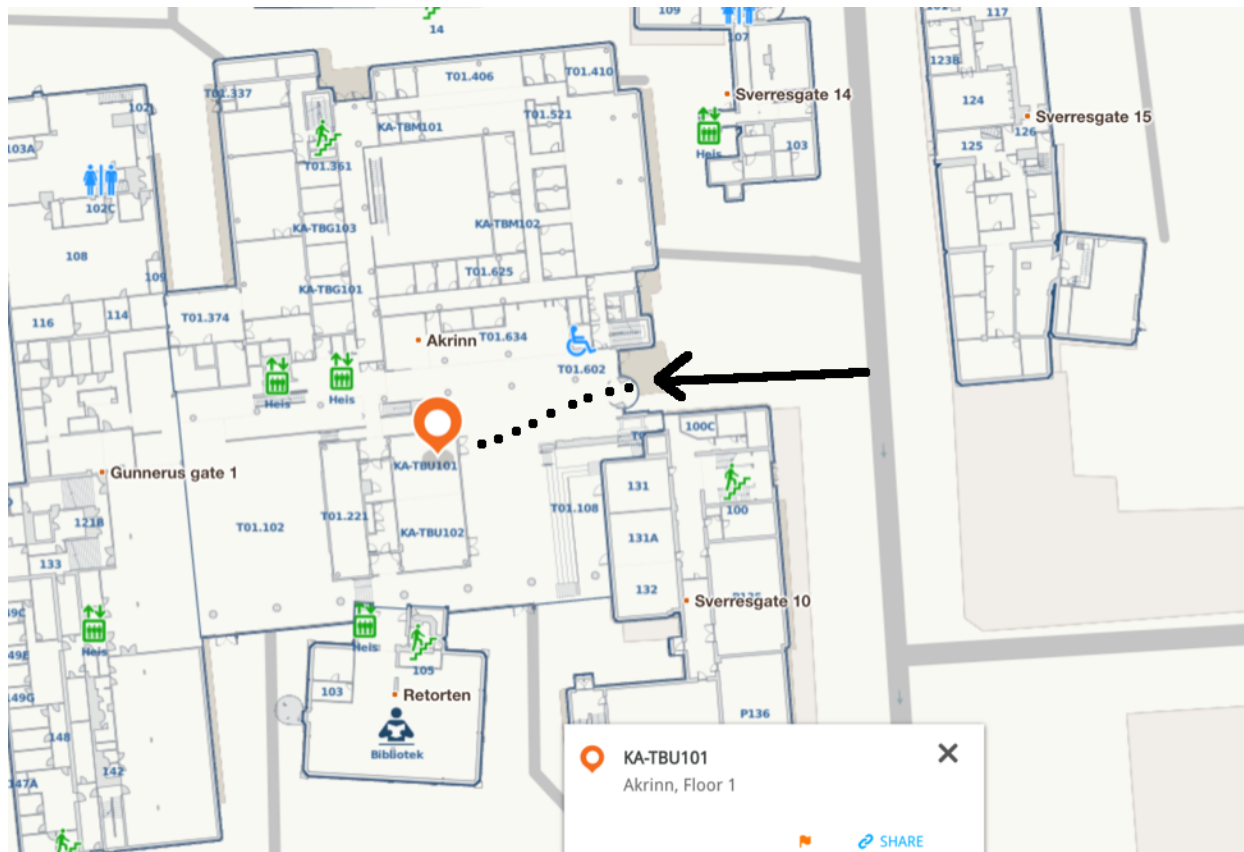
## Sunday, 25 June 2017 (continued)

### 6:00 pm: Doctoral Consortium (DC): Opening Session

Welcome session (Chair, Stefania Montani): This will provide an opportunity for all participating students to meet & greet their mentors. After introductions, we will discuss the DC's objectives, agenda, plans for presentations, and answer any questions.

- **General Location:** Kalvskinnet campus of NTNU in the Trondheim city center
- **Room:** [KA-TBU101 at Akrinn](#), Sverres gate 10 (see the photo below the Trondheim City Map and the building layout on the next page)
- **Trondheim City Map:** Path from the statue of St Olav in Kongens gate





### 7:30 pm: Group Dinner at Tulla Fischer

- **Address:** Kongens gate 8, Trondheim
- **Web site:** <http://tulla.no/?lang=en>
- **Cost:** Nothing; this is pre-paid
- **Signup** (due Th June 22): <https://goo.gl/forms/1uTcyYURr1zWa7bF3>
- **All attendees and guests are welcome!**



## Monday, 26 June 2017

**Overall Schedule:** Opening Plenary Session, {CCC, Workshops, DC}, and Welcome Reception

Time	Activity
08:00-09:00 am	Registration: Realfagsbygget, outside of Auditorium R9
09:00-09:15 am	Welcome to ICCBR 2017! (Gundersen, Lieber, & Aha)
09:15-10:20 am	<b>Invited Talk:</b> <i>Analogical Proportions and Analogical Reasoning: An Introduction</i> Henri Prade (CNRS, France)
10:20-10:30 am	Industry Talk #1: Hayley Borck, Adventium Labs
10:30-11:00 am	Coffee break
11:00-12:15 pm	Doctoral Consortium (DC) and Workshops (see details below)
12:15-01:15 pm	Lunch: Kafe Realfagsbygget
01:15-03:00 pm	CCC, DC, and Workshops (see details below)
03:00-03:30 pm	Coffee break
03:30-05:00 pm	CCC, DC, and Workshops (see details below)
05:00-05:30 pm	<b>Tour of Telenor-NTNU's AI Lab</b> (Astrid Undheim, VP Analytics and AI at Telenor Research)
07:30 pm	<b>Welcome Reception!</b> To Tårn

CCC & Workshops Schedule (with Realfagsbygget room #). Please click links for [details](#).

PDF proceedings for the ICCBR-17 Workshops can be found at

[http://research.idi.ntnu.no/cbr/iccbr2017/ICCIBR2017\\_workshop\\_proceedings.pdf](http://research.idi.ntnu.no/cbr/iccbr2017/ICCIBR2017_workshop_proceedings.pdf)

Workshop	<a href="#">CCC</a> (R91)	<a href="#">CBR &amp; Deep Learning</a> (R8)	<a href="#">Computational Analogy</a> (R92)	<a href="#">Process Oriented CBR</a> (R93)	<a href="#">Doctoral Consortium</a> (R9)
11:00-12:15 pm		Keynote talk	Session 1: Analogical Inference	Session 1: Health Applications	Session 1: Welcome, Invited Talk
1:15-3:00 pm	Paper presentations	Paper presentations	Keynote Session 2: Analogy for Reuse	Session 2: POCBR Applications	Session 2: Healthcare Applications
3:30-5:00 pm	Paper presentations; CCC discussion		Session 3: Analogy & NLP	Session 3: POCBR Applications; Panel Discussion	Session 3: Industrial Applications

### Welcome Reception: To Tårn

Enjoy tapas and drinks in the heart of Trondheim with a view of Nidarosdomen.

- **Address:** Bispegata 5, Nidarosdomens Besøksenter, near the Nidarosdomen Cathedral
- **Web site** <https://www.bakeriet.no/english/>



## Monday, 26 June 2017 (continued)

**Doctoral Consortium (DC)** (Realfagsbygget Auditorium R9)

The DC pairs graduate students with mentors (senior CBR researchers), who assist them with preparing their presentation and provide feedback on content and presentation style. The DC warmly welcomes all ICCBR attendees!

Time	Activity (Each Presentation = 20min + 5min Q/A) (mentor)
11:00-12:15 pm	Session 1: Welcome and Agenda for the Day
11:00-11:25 am	• Invited speaker: <b>Odd Erik Gundersen</b> , NTNU
11:25-11:50 am	• <i>Maintenance of Case Contents and Adaptation Rules</i> <b>Brian Schack</b> , Indiana University ( <b>Michael Floyd</b> , Knexus Research Corp.)
11:50-12:15 pm	• <i>Knowledge Transfer in Artificial Learning</i> <b>Pierre Murena</b> , Télécom ParisTech ( <b>Agnar Aamodt</b> , NTNU)
12:15-01:15 pm	Lunch break
01:15-03:00 pm	Session 2: Healthcare Applications
01:15-01:40 pm	• <i>A Framework for Multi-Level Semantic Trace Abstraction</i> <b>Manuel Striani</b> , University of Turin ( <b>David Leake</b> , Indiana U.)
01:40-02:05 pm	• <i>AToM: An Analogical Theory of Mind</i> <b>Irina Rabkina</b> , Northwestern University ( <b>Isabelle Bichindaritz</b> , SUNY Oswego)
02:05-02:30 pm	• <i>Case-Based Interpretation of Best Medical Coding Practices: Application to Data Collection for Cancer Registries</i> <b>Michael Schnell</b> , Luxembourg Institute of Health ( <b>Cindy Marling</b> , Ohio U.)
02:30-02:55 pm	• <i>A Collaborative CBR Recommender System to Support Patients, its Relatives and Caregivers in Chronic and Palliative Care</i> <b>Sara Nasiri</b> , University of Siegen ( <b>Ralph Bergmann</b> , U. Trier)
03:00-03:30 pm	Coffee break
03:30-05:00 pm	Session 3: Industrial Applications
03:30-03:25 pm	• <i>A Case-Based Real-Time Adaptive Engineer Site Support System</i> <b>Kyle Martin</b> , Robert Gordon University ( <b>Kerstin Bach</b> , NTNU)
03:25-03:50 pm	• <i>Building an Integrated CBR-Big Data Oriented Architecture for Case-Based Reasoning Systems</i> <b>Kareem Amin</b> , German Research Center for AI ( <b>Stelios Kapetanakis</b> , U. Brighton)
03:50-04:15 pm	• <i>Exploiting Data to Support Operations of EXPOSED Aquaculture Installations</i> <b>Bjørn Magnus Mathisen</b> , NTNU ( <b>Klaus-Dieter Althoff</b> , U. Hildesheim)

Doctoral Consortium		Computational Analogy		Process-Oriented CBR		CBR & Deep Learning		Computer Cooking Contest	
Time	Time	Time	Time	Time	Time	Time	Time	Time	Time
	10:55-11:00 am	Fadi Badra and Tarek Besold - Welcome							
	11:00-11:25 am	<b>Session 1: Analogical Inference</b> Henri Prade and Gilles Richard: A Discussion of Analogical-Proportion Based Inference	11:00-11:15 am	<b>Session 1: Health Applications</b> Introduction	11:00-11:10 am	<b>Session 1: Welcome and Keynote</b> Welcome			
	11:00-11:25 am	Pierre-Alexandre Murena, Jean-Louis Dessalles, and Antoine Cornuéljols: A Complexity Based Approach for Solving Hofstadter's Analogies	11:15-11:45 am	Gineth Magaly Cerón Ríos, 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	Joseph A Blass, Irina Rabbina, 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"					
	12:15-1:15 pm	<b>Session 2 - Analogy for Reuse</b>	12:15-1:15 pm	<b>Session 2 - PO CBR Applications</b>		12:15-1:15 pm	<b>Session 2: Applications</b>	12:15-1:15 pm	<b>Lunch Break</b>
									<b>Session 1</b> Opening of CCC'2017
1:15-1:40 pm	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	1:15-1:20 pm	Emmanuelle Gaillard, Jean Lieber and Emmanuel Nauer Adaptation of Taable to the CCC'2017 Mixology and Salad Challenges, adaptation of the cocktail names	
1:40-2:05 pm		Irina Rabbina, Northwestern University (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	1:40-2:05 pm	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	2:00-2:35 pm	Fadi Badra: A Language of Case Differences	2:15-2:45 pm	Maria Diapouli, Stelios Kapetanakis, Miltos 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	2:35-3:00 pm	Sara Nasiri, University of Siegen (Ralph Bergmann, U. Trier) A Collaborative CBR Recommender System to Support Patients, its Relatives and Caregivers in Chronic and Palliative Care	2:45-3:00 pm	Scott Friedman, Mark Burstein, Jeffrey Rye, and Ugur Kuter: Analogical Localization: Flexible Plan Execution in Open Worlds	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	
	3:00-3:30 pm	<b>Session 3 - Industrial Applications</b> Kyle Martin, Robert Gordon University (Kerstin Bach, NTNU) A Case-Based Real-Time Adaptive Engineer Site Support System	3:00-3:30 pm	<b>Session 3 - PO Applications and Panel Discussions</b> Eric Kübler and Mirjam Minor: A workflow cloud management framework with process-oriented case-based reasoning		3:00-3:30 pm	<b>Session 2</b> Michael Ohene A Proposed General Formula to Create and Analyze Baking Recipes		
3:30-4:20 pm	3:30-4:20 pm	Kareem Amin, German Research Center for AI (Stelios Kapetanakis, U. Brighton) Building an Integrated CBR-Big Data Oriented Architecture for Case-Based Reasoning Systems	3:30-4:00 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	3:30-3:55 pm	Christian Zeyen, Gilbert Müller and Ralph Bergmann Conversational Retrieval of Cooking Recipes	
4:20-4:55 pm	4:20-4:45 pm	Bjørn Magnus Mathisen, NTNU (Klaus-Dieter Althoff, U. Hildesheim) Exploiting Data to Support Operations of EXPOSED Aquaculture Installations	4:00-5:00 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							



## Tuesday, 27 June 2017

Plenary Sessions (Realfagsbygget Auditorium R9)

Download proceedings: <https://link.springer.com/book/10.1007%2F978-3-319-61030-6>

Time	Activity
08:30-09:00 am	Registration (Realfagsbygget, outside of Auditorium R9)
09:00-09:05 am	<b>Welcome to ICCBR-17!</b> (David W. Aha & Jean Lieber)
09:05-10:30 am	<ul style="list-style-type: none"> <li>• <b>Invited talk:</b> <i>Case-Based Reasoning and the Upswing of AI</i> Enric Plaza (IIIA, Spain) and Agnar Aamodt (NTNU, Norway)</li> </ul>
10:30-11:00 am	Coffee break
11:00-11:25 am	<p><b>Case-based recommendation</b> (Session Chair: Juan A. Recio García)</p> <ul style="list-style-type: none"> <li>• <i>On the Pros and Cons of Explanation-Based Ranking</i> Khalil Muhammad, Aonghus Lawlor, and Barry Smyth</li> </ul>
11:25-11:50 am	<ul style="list-style-type: none"> <li>• <i>Case-Based Recommendation for Online Judges using Learning Itineraries</i> Antonio A. Sánchez-Ruiz, Guillermo Jimenez-Díaz, Pedro P. Gómez-Martín and Marco A. Gómez-Martín</li> </ul>
11:50-12:15 pm	<ul style="list-style-type: none"> <li>• <i>Running with Cases: A CBR Approach to Running Your Best Marathon</i> Barry Smyth and Pádraig Cunningham</li> </ul>
12:15-01:15 pm	Lunch break: Kafe Realfagsbygget
01:15-01:40 pm	<p><b>Graph representations for CBR</b> (Session Chair: Peter Funk)</p> <ul style="list-style-type: none"> <li>• <i>Conversational Process-Oriented Case-Based Reasoning</i> Christian Zeyen, Gilbert Müller, and Ralph Bergmann</li> </ul>
01:40-02:05 pm	<ul style="list-style-type: none"> <li>• <i>A SPARQL Query Transformation Rule Language: Application to Retrieval and Adaptation in Case-Based Reasoning</i> Olivier Bruneau, Emmanuelle Gaillard, Nicolas Lasolle, Jean Lieber, Emmanuel Nauer, and Justine Reynaud</li> </ul>
02:05-02:35 pm	<ul style="list-style-type: none"> <li>• Poster advertisements (2 minutes each) (Session Chairs: C. Marling &amp; K. Bach)</li> </ul>
02:35-03:00 pm	<ul style="list-style-type: none"> <li>• Discussion: <i>25 years of EWCBR/ECCBR/ICCB: On the History and Status of CBR</i></li> </ul>
03:00-03:30 pm	Coffee break and start of poster session (Handout of Poster Quiz)
03:30-04:30 pm	<p><b>Poster session (continued)</b> (Outside of Auditorium R9)</p> <ul style="list-style-type: none"> <li>• Poster Session (see details below)</li> <li>• Collection of Poster Quiz</li> </ul>
04:30-04:55 pm	<p><b>CBR and time series</b> (Session Chair: Ian Watson)</p> <ul style="list-style-type: none"> <li>• <i>Case-Based Reasoning for Inert Systems in Building Energy Management</i> Mirjam Minor and Lutz Marx</li> </ul>
04:55-05:20 pm	<ul style="list-style-type: none"> <li>• <i>Time Series and Case-based Reasoning for an Intelligent Tetris Game</i> Diana Lora, Antonio A. Sánchez-Ruiz, and Pedro González Calero</li> </ul>
05:20-05:30 pm	<ul style="list-style-type: none"> <li>• Industry Talk #2: Michael Floyd, Knexus Research Corp.</li> </ul>
05:30-05:40 pm	<ul style="list-style-type: none"> <li>• Industry Talk #3: Mark Burstein, SIFT</li> </ul>
06:30 pm	<ul style="list-style-type: none"> <li>• Bus Departs from NTNU to the Conference Banquet</li> </ul>
07:00 pm	<ul style="list-style-type: none"> <li>• <b>Conference Banquet!</b> EC Dahls</li> <li>• Awards: Poster Quiz Winner, Best Video and Best Student Video, CCC Awards, and Best Paper</li> </ul>

## Tuesday, 27 June 2017 (continued)

Posters (Session will be outside of Realfagsbygget Auditorium R9)

1. ***A Hybrid CBR Approach for the Long Tail Problem in Recommender Systems***  
Gharbi Alshammari, Jose L. Jorro-Aragoneses, Stelios Kapetanakis, Miltos Petridis, Juan A. Recio-Garcia, and Belen Diaz-Agudo
2. ***Extending the Flexibility of Case-Based Design Support Tools: A Use Case in Architectural Domain***  
Viktor Ayzenshtadt, Christoph Langenhan, Syed Saqib Bukhari, Klaus-Dieter Althoff, Frank Petzold, and Andreas Dengel
3. ***A Reasoning Model Based on Perennial Crop Allocation Cases and Rules***  
Florence Le Ber, Xavier Dolques, Laura Martin, Marc Benoit, and Alain Mille
4. ***Similar Users or Similar Items? Comparing Similarity-based Approaches for Recommender Systems***  
Marta Caro-Martinez and Guillermo Jimenez-Diaz
5. ***Tetra: A Case-Based Decision Support System Assisting Nuclear Physicians in Image Interpretation***  
Mohammad B. Chawki, Emmanuel Nauer, Nicolas Jay, and Jean Lieber
6. ***The Mechanism of Influence of a Case-based Health Knowledge System on Hospital Management Systems***  
Dongxiao Gu, Jingjing Li, Isabelle Bichindaritz, Shuyuan Deng, and Changyong Liang
7. ***Semantic Trace Comparison at Multiple Levels of Abstraction***  
Stefania Montani, Manuel Striani, Silvana Quaglini, Anna Cavallini, and Giorgio Leonardi
8. ***Towards a Case-Based Reasoning Approach to Dynamic Adaptation for Large-Scale Distributed Systems***  
Sorana Tania Nemes and Andreea Buga
9. ***Evolutionary Inspired Adaptation of Exercise Plans for Increasing Solution Variety***  
Tale Prestmo, Kerstin Bach, Agnar Aamodt, and Paul Jarle Mork
10. ***Intelligent Control System for Back Pain Therapy***  
Juan Recio-Garcia, Bélen Díaz-Agudo, Jose Luis Jorro Aragoneses, and Alireza Kazemi
11. ***Dependency Modeling for Knowledge Maintenance in Distributed CBR Systems***  
Pascal Reuss, Christian Witzke, and Klaus-Dieter Althoff
12. ***Case-Based Interpretation of Best Practices: Application to Data Collection for Cancer Registries***  
Michael Schnell, Sophie Cougnal, Jean Lieber, Stephanie Saleh, and Nicolas Jay
13. ***SCOUT: A Case-Based Reasoning Agent for Playing Race for The Galaxy***  
Ian Watson and Michael Woolford

### Gala Dinner: E.C Dahls Pub and Kitchen

Whether you are in the pub or the restaurant, lively flavors and aromas await you. The ingredients are mainly sourced from local producers. Inspired by the great American barbecue, we make good use of the grill. We smoke both meat and fish, and combine old culinary traditions with new trends.

- **Address:** Strandveien 71, 7067 Trondheim
- **Web site:** <https://www.ecdahls.no/en/pub-and-kitchen/>



## Wednesday, 28 June 2017

Plenary Sessions (Realfagsbygget Auditorium R9)

Time	Activity
08:30-09:00 am	Registration (Realfagsbygget, outside of Auditorium R9)
09:00-10:10 am	<ul style="list-style-type: none"> <li>• <b>Invited talk:</b> <i>Encouraging Curiosity in CBR and Recommender Systems</i> Mary Lou Maher (UNCC, USA)</li> </ul>
10:10-10:20 am	<ul style="list-style-type: none"> <li>• Industry Talk #4: Freddy Aursø, Lighthouse8</li> </ul>
10:20-10:30 am	<ul style="list-style-type: none"> <li>• Video Competition Summary (Michael Floyd)</li> </ul>
10:30-11:00 am	Coffee break
11:00-11:25 am	<b>CBR and machine learning</b> (Session Chair: Miltos Petridis) <ul style="list-style-type: none"> <li>• <i>A User Controlled System for the Generation of Melodies Applying CBR</i> María Navarro-Cáceres, Sara Rodríguez, Diego Milla, Belén Pérez Lancho, and Juan Manuel Corchado</li> </ul>
11:25-11:50 am	<ul style="list-style-type: none"> <li>• <i>kNN Sampling for Personalised Human Activity Recognition</i> Sadiq Sani, Nirmalie Wiratunga, Stewart Massie, and Kay Cooper</li> </ul>
11:50-12:15 pm	<ul style="list-style-type: none"> <li>• <i>Case-based Team Recognition Using Learned Opponent Models</i> Michael W. Floyd, Justin Karneeb, and David W. Aha</li> </ul>
12:15-01:40 pm	Lunch break (Kafe Realfagsbygget)   PC meeting (Realfagsbygget R92)
01:40-02:05 pm	<b>Efficient CBR</b> (Session Chair: Klaus-Dieter Althoff) <ul style="list-style-type: none"> <li>• <i>Maintenance for Case Streams: A Streaming Approach to Competence-Based Deletion</i> Yang Zhang, Su Zhang, and David Leake</li> </ul>
02:05-02:30 pm	<ul style="list-style-type: none"> <li>• <i>A CBR System for Efficient Face Recognition under Partial Occlusion</i> Daniel López-Sánchez, Juan M. Corchado, and Angélica Gonzalez Arrieta</li> </ul>
02:30-02:55 pm	<ul style="list-style-type: none"> <li>• <i>Scaling Up Ensemble of Adaptations for Classification by Approximate Nearest Neighbor Retrieval</i> Vahid Jalali and David Leake</li> </ul>
02:55-03:15 pm	Coffee break
03:15-03:40 pm	<b>Textual CBR</b> (Session Chair: Isabelle Bichindaritz) <ul style="list-style-type: none"> <li>• <i>Weighted One Mode Projection of a Bipartite Graph as a Local Similarity Measure</i> Rotem Stram, Pascal Reuss, and Klaus-Dieter Althoff</li> </ul>
03:40-04:15 pm	<ul style="list-style-type: none"> <li>• Panel: <i>Future of CBR</i> (Chair: David McSherry) Panelists: Michael Cox, Belén Díaz-Agudo, and Nirmalie Wiratunga</li> </ul>
04:15-05:00 pm	<ul style="list-style-type: none"> <li>• Community meeting</li> </ul>
05:30 pm	<ul style="list-style-type: none"> <li>• Bus Departs from NTNU to Lade</li> </ul>
06:00 pm	<ul style="list-style-type: none"> <li>• <b>Walk to fjord!</b> (approx. 6km)</li> </ul>
08:00 pm	<ul style="list-style-type: none"> <li>• <b>Group Dinner:</b> Caya</li> </ul>



**Group Dinner:** Caya (Ferjemannsveien 16, [Web site: http://www.restaurantcaya.no](http://www.restaurantcaya.no))

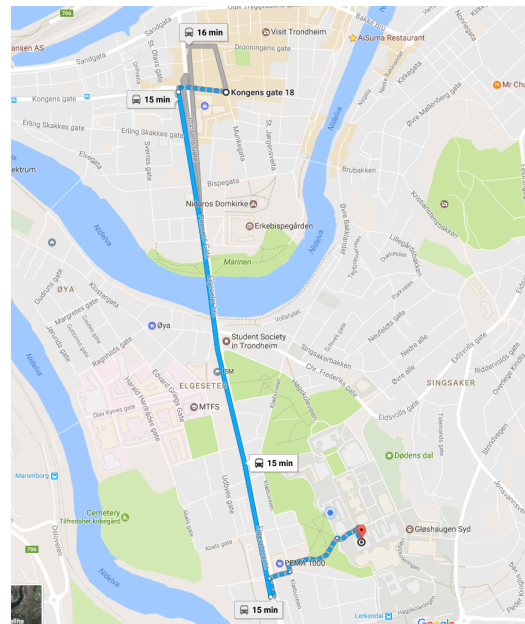
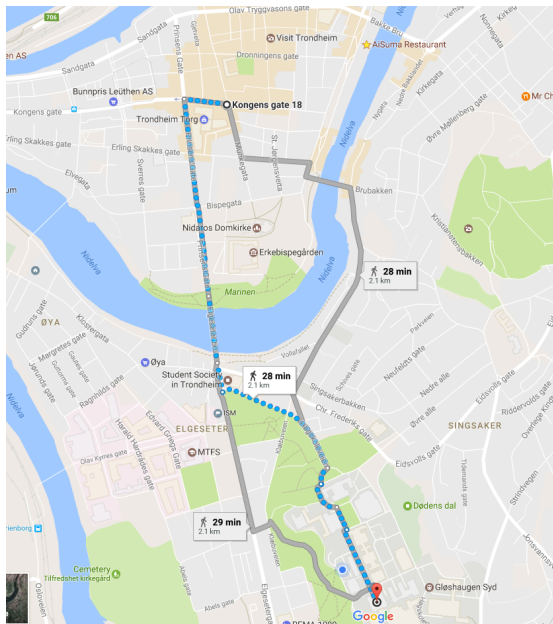
The ingredients served are from the Trøndelag region. A mix of classical dishes and new exciting tastes. The restaurant is hidden on the dock by the river Nidelven.

# Conference locations in Trondheim



## Getting from the city center to NTNU - Gløshaugen

There are two options to get to the venue: you can walk from most hotels in the city center (about 35min) or you can take the bus (about 20 mins).



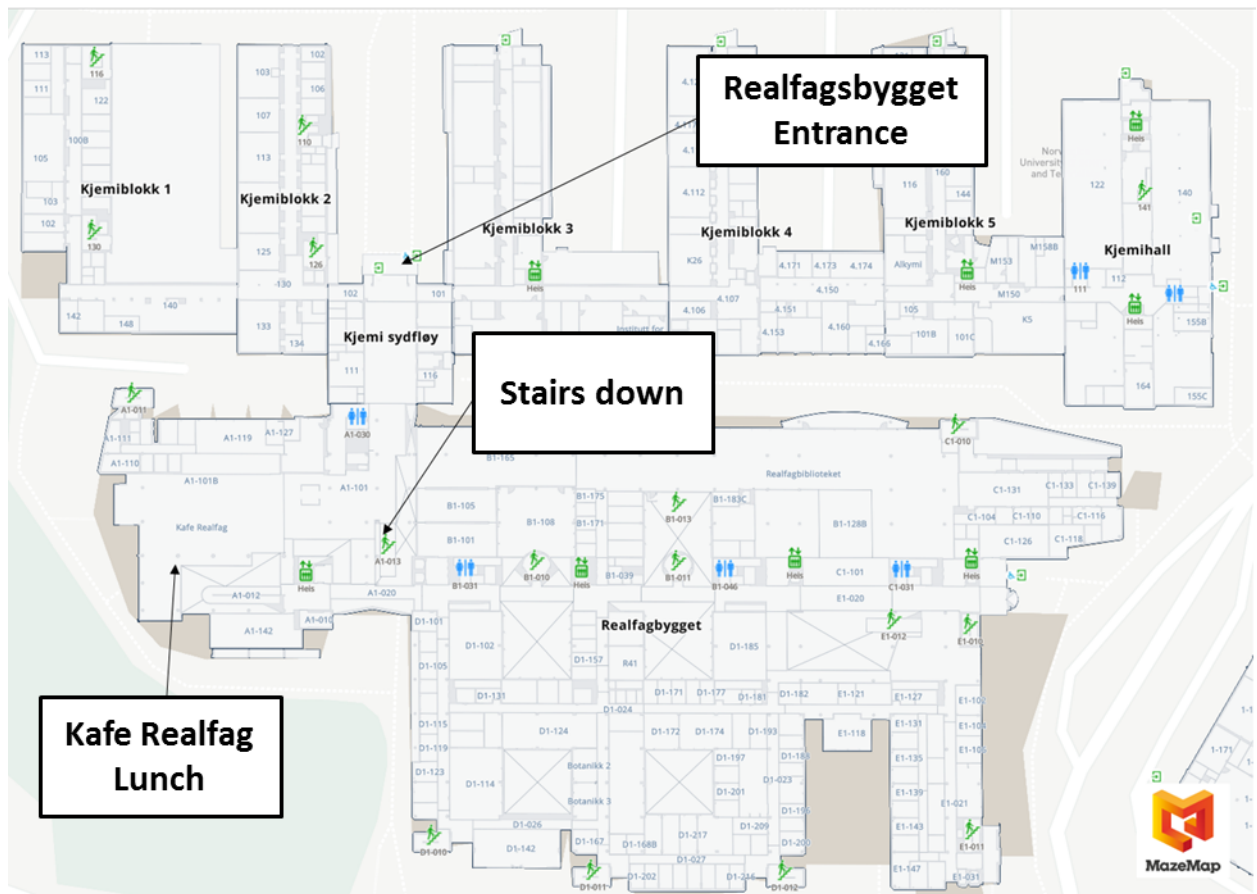
Most buses from downtown go towards "Professor Brochs gate". Once you get off there, cross the street, and walk up the hill to the university campus. From there, signs will guide you to the conference venue in "Realfagsbygget".

You can pay cash in the buses (50 NOK), but you can also use an app<sup>1</sup> to pay the fare. You need to create an account and register your credit card in order to use the app. Google maps as well as atb.no provide the timetables.

<sup>1</sup> <https://www.atb.no/fares/category1497.html>



# Map of Realfagsbygget @ Gløshaugen: Ground floor



Entrance Realfagsbygget

# Map of Realfagsbygget @ Gløshaugen: Floor U1

