

# Knowledge Building Advanced Learning Analytics and Knowledge Forum User-interface design week!

November 26-30, 2018  
Aeres Applied University, Faculty of Teacher Education  
Mansholtlaan 18  
Wageningen The Netherlands

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From Hotel Wageningse Berg or Frank's House to Aeres Applied University (mansholtlaan 18 Wageningen. (45 min walk; 8-10 min biking; 7 min car) .....	13

*“Learning analytics is the measurement, collection, analysis and reporting of data about learners and their contexts, for purposes of understanding and optimizing learning and the environments in which it occurs. (KB Summer Institute, 2014)*

## The main objective

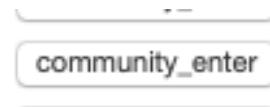
1. to bring practice, developers and designers together;
2. to bring the work together of KB-dex (Yoshiaki) and the semantic approach (Erick
3. to Producing some user friendly interface to enhance the use by practitioner researchers, teachers and students (and maybe boarder useable than only for Knowledge forum data) in current teaching and some running research projects like the EU ViSUAL-knowledge alliance project  
<https://www.facebook.com/learningfromvideo/> <http://visualproject.eu>

## Knowledge Forum database

<http://160.16.107.57>

**Hackthon 2018 Aeres Applied university The Netherlands**  
**Registration Key: Wageningen**

Hackathon 2018 Aeres Applied University the Netherlands



## The overall program

The ‘project’ is a week activity Monday until Friday:

### 1e day:

- presentation of the current learning analytics by some of the developers
- Input by end-users: teachers, students, practitioner/teacher-researchers learning
  - o – concerning KF user-interface
  - o – concerning Learning analytics

During the meeting and by way of on-line input by zoom:

<https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09>

- On basis of these experiences’ co-creation of design principles in order to get a view of hands-on user friendly associable student/teacher tools to monitor, support the learning process (e.g. the knowledge building process) and maybe even the formative and summative assessment.

**Day 2-3-4 hackathon session** with/by you as experts perhaps with more people online from other places in the world on your suggestions. By zoom

<https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09>

**Wednesday afternoon** Open and online streaming and zoom session Masterclass using learning analytic by some of the participants.

- Intermediate reflection with others from outside

<https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09>



**Friday (5)5 validation**, presentation of the new/adapted tools; test with end-users and what next steps are needed; user guidelines also online participation possible





<https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09>

## Detailed Program

Day/activity	Time	Activity	Location	Time zones (zoom participation)
Sunday November 25	8 PM 	Getting to know each other informal drink for those who are interested	Frank's house Ericalaan 3 Wageningen	
Monday November 26			Aeres Applied University Wageningen Faculty of Teacher Education Learning lab 202 plenary (2de floor)	
	9.00 AM 	Welcome, what and how of the building.	202 (2de floor)	
9:30-12:00 AM	9:30-10:00 AM  10:00-10:30 AM	Welcome Madelon the Beus Goals of the week Presentations of some learning analytics  Erick Velazquez-Godinez, Sylvie	Learning Lab 202	streaming IQC / zoom: <a href="https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09">https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09</a> CA (-6) 3:30 AM

	10:30-11:00 AM  Coffee/thee  11:15 -12:00A M	Ratté, Veronica Segarra Faggiono  Yoshiaki Matsuzawa  Leanne Ma  =====		USA (-6) 3:30 AM Taiwan(+7) 4:30 PM Japan(+8) 5:30 PM Colombia(-6) 3:30 AM
	12:00 AM	lunch	Ground floor Resta	
	  1:00 - 1:30 PM  1:30 – 14:00 PM	Design principles:  Marlene Sacardemalia (on- line)  Renato Carvalho  Ole Smordal Richard Nesnass	Learning lab (202)	streaming ICQ /recording  CA (-6) 7 AM USA (-6) 7 AM Taiwan(+7) 8 PM Japan(+8) 9 PM Colombia(-6) 7 AM  zoom <a href="https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09">https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09</a> for external participation
	2:00– 5:00 PM	<i>HACKATHON- design In different groups</i>	Learning lab 202 Kenniskring 215 Frank's room 209 Anywhere in the building	CA (-6) 8 AM USA (-6) 8 AM Taiwan(+7)9PM Japan(+8) 10 PM Colombia(-6) 8 AM
	3 PM	<i>Pauze coffee</i>	second floor	
	5:30 PM	<i>Dinner</i>	Ground floor Resta	
	6:30-19:30 PM	<i>closing</i>		
	8:00PM 	<i>Open house Evening coffee; 'sjoelen'</i>	Frank's House	

Tuesday November 27	9:00 –12:00 am 	Hackathon in different groups	Kenniskring 215 Frank's room 209 Anywhere in the building	Possibility of zoom in 215 <a href="https://zoom.us/j/7556135198?pwd=ekZsYTBEczdqZDQ2dXc0cWtzU1d2QT09">https://zoom.us/j/7556135198?pwd=ekZsYTBEczdqZDQ2dXc0cWtzU1d2QT09</a> for external participation
	12:00AM	<i>lunch</i>	Aeres Ground floor Resta	
	1:00 –5:00 pm 	Hackathon-design in different groups	Kenniskring 215 Frank's room 209 Anywhere in the building	Possibility of zoom in 215 <a href="https://zoom.us/j/7556135198?pwd=ekZsYTBEczdqZDQ2dXc0cWtzU1d2QT09">https://zoom.us/j/7556135198?pwd=ekZsYTBEczdqZDQ2dXc0cWtzU1d2QT09</a> for external participation
	5:30 PM	<i>Dinner</i>	Ground floor Resta	
	6:30-19:30 PM	<i>closing</i>		
	8:00PM 	<i>Open house Evening coffee; 'sjoelen'</i>	Frank's House	
Wednesday November 28	9:00 –12:00 am 	Hackathon-design in different groups	Kenniskring 215 Frank's room 209 Anywhere in the building	
	10:30-12:00 WORKSHOP: use of learning analytics for teachers and students	Leanne Ma	Learning lab 202	Streaming Possibility of zoom 215 <a href="https://zoom.us/j/7556135198?pwd=ekZsYTBEczdqZDQ2dXc0cWtzU1d2QT09">https://zoom.us/j/7556135198?pwd=ekZsYTBEczdqZDQ2dXc0cWtzU1d2QT09</a> for external participation
	12:00AM	<i>lunch</i>	Ground floor Resta	
	1:00 –3:00 pm	Hackathon-design in different	Learning lab 202 Kenniskring 215	Possibility of zoom in 215

		groups	Frank's room 209 Anywhere in the building	<a href="https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09">https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09</a> for external participation
	3:00 – 5 PM 	<i>plenary putting our knowledge together, progression; dilemma's; input from outside</i>	Learning lab 202	Streaming ICQ/ Possibility of zoom 215 <a href="https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09">https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09</a> for external participation  CA (-6) 9 AM USA (-6) 9 AM Taiwan(+7) 10 PM Japan(+8) 11 PM Colombia(-6) 9 AM
	6:00 PM	<i>closing</i>		
	7:00 PM 	<i>Dinner</i>	Wageningen Down-town	
Thursday November 29	9:00 –12:00 am 	Hackathon-design in different groups	Kenniskring 215 Frank's room 209 Anywhere in the building	Possibility of zoom in 215 <a href="https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09">https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09</a> for external participation
	12:00AM	<i>lunch</i>		
	1:00 –3:00 pm 	Hackathon-design in different groups	Kenniskring 215 Frank's room 209 Anywhere in the building	Possibility of zoom in 215 <a href="https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09">https://zoom.us/j/7556135198?pwd=ekZsYTBECzdqZDQ2dXc0cWtzU1d2QT09</a> for external

				participation	
	5:30 PM	<i>'Stampopot'-dinner</i>	Learning Café first floor		
	6:30-19:30 PM				<i>closing</i>
	8:00PM 	<i>Open house Evening coffee; 'sjoelen'</i>	Frank's House		
Friday December 30	9:00 –12:00 am 	- Hackathon- design in different groups	Kenniskring 215 Frank's room 209 Anywhere in the building	Possibility of zoom in 215 <a href="https://zoom.us/j/7556135198?pwd=ekZsYTBEczdqZDQ2dXc0cWtzU1d2QT09">https://zoom.us/j/7556135198?pwd=ekZsYTBEczdqZDQ2dXc0cWtzU1d2QT09</a> for external participation	
	12:00AM	<i>lunch</i>	Ground floor Resta		
	1:00 –2:30 pm 	Hackathon-design in different groups	Learning lab 202 Anywhere in the building	Possibility of zoom in 215 <a href="https://zoom.us/j/7556135198?pwd=ekZsYTBEczdqZDQ2dXc0cWtzU1d2QT09">https://zoom.us/j/7556135198?pwd=ekZsYTBEczdqZDQ2dXc0cWtzU1d2QT09</a> for external participation	
	2:30-4:30	<i>Presentations of the results and in conversation with students, teachers and others</i>		CA (-6) 8:30 AM USA (-6) 8:30AM Taiwan(+7) 9:30 PM Japan(+8) 10:30 PM Colombia(-6) 8:30 AM  zoom <a href="https://zoom.us/j/7556135198?pwd=ekZsYTBEczdqZDQ2dXc0cWtzU1d2QT09">https://zoom.us/j/7556135198?pwd=ekZsYTBEczdqZDQ2dXc0cWtzU1d2QT09</a> for external participation	
	Transportation	<i>Wageningen center -market-</i>			
	5 PM	<i>Last points and</i>	Wageningen		

		saying goodbye	down-town: De Vlaamse reus	
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## Participants in Wageningen:

prof. dr. Frank de Jong  
(organizer)

Aeres University of Applied Science (AHW), Wageningen , & Open University ,The Netherlands

Yoshiaki Matsuzawa Ph.D.

(KBDex; KF-code, software engineering)

松澤 芳昭

青山学院大学社会情報学部

School of Social Informatics, Aoyama Gakuin University, Japan

prof. dr. Sylvie Ratté

(Linguistic engineering

Knowledge representation, Formal language, Visual language, Ontology, Semantic interpretation of natural languages

Artificial intelligence)

Laboratoire d'ingénierie Cognitive Sémantique, Ecole de technologie supérieure (ETS), Montreal, University of Quebec, Canada

Veronic Segarra Faggiono Ph.D-student

Laboratoire d'ingénierie Cognitive Sémantique, Ecole de technologie supérieure (ETS), Montreal, University of Quebec, Canada. From Ecuador.

Erick Velazquez, Ph.D.

(Doctor of Philosophy in Engineering; natural language processing and data mining)

Postdoc at

University of Potsdam, Germany

Erick Velazquez

Renato Carvalho, MA

Interaction Designer

Institute for Knowledge Innovation and Technology - IKIT

OISE - University of Toronto

Leanne Ma Ph.D-student



OISE/University of Toronto, IKIT, Toronto, Canada

Dr. Ole Smordal

Head of EngageLab, Department of Education, University of Oslo, Norway

Richard Nesnass MSc.

Developer, software engineering (implementation of Talkwall) at EngageLab, Department of Education, University of Oslo, Norway

Hoang Bao Ngo

*Developer (implementation of Talkwall)*

*EngageLab, Department of Education, University of Oslo, Norway*

Paulo Gouveia,. From computer science and leading technical development for me in the Instituto Unibanco (improving the performance of young high school students in Brazilian public schools, as well as on reducing dropout rates in this stage.) Brazil.

Jan van Aalst

Associate Professor Faculty of Education, the University of Hong Kong,

**Teachers and students Monday/Wednesday. Friday:** Aeres applied university, Terra AOC, ROC RijnIJssel

Hino Bel, Narda Tiebosch, Maaike Vonk, Pieter Seuneke,

Rik van Steenberg (Student AHW) AHW BA-student doing his BA-thesis on learning analytics.;

Douwe Schaaf, MED-MLI AHW student

Jan Wilem Lutgendorf MED-MLI AHW student

AHW Med. Learning and innovating Master students

Gerrit Veldman MEd RijnIJssel VET

Inne Sturkenboom Terra (VET-secondary vocational education) teacher(s)

AHW BA students consumptive technique

VICTO IT, Suzane Salcedo, Rob Beijer; Paul Staden; Joan van de Ende (on-line)

## On line participants by zoom

<https://zoom.us/j/7556135198?pwd=ekZsYTBeczdqZDQ2dXc0cWtzU1d2QT09>

prof. dr. Marlene Scardamalia & prof. dr. Carl Bereiter

OISE/University of Toronto, IKIT, Toronto, Canada

Prof. dr. Therese Laferriere

Sciences Education, Universite Laval, Quebec, Canada

Gabriel Demers

Sciences Education, Universite Laval, Quebec, Canada

Simon Duguay

Sciences Education, Universite Laval, Quebec, Canada

Cesar Nune, Associate Researcher - Nucleo Aplicado de Economia da Educação at Instituto Unibanco  
São Paulo, São Paulo, Brazil

Chris Teplovs, (semantic links) Problemshift Inc., Canada (researcher, designer, programmer)

Ahmad Khanlari, IKIT, University of Toronto (technical programmer)

Richard Reeve (Ph.D.) *Associate Professor, Educational Technology in Teaching and Learning, Faculty of Education, Queen's University, Kingston, Ontario, Canada.*

Fernando Díaz del Castillo H. *Director de Innovación y Desarrollo Gimnasio La Montaña, Colombia*

Bodong Chen Ph.D. Assistant Professor, Learning Technologies, College of Education and Human Development  
University of Minnesota - Twin Cities, USA

Chris Teplov Ph.D. Lecturer & Research Scientist, School of Information, University of Michigan  
3389 North Quad 105 S. State St.

Huang-yao Hong, (Inter-.community networks analysis-.Knowledge Domains), National Chengchi University, Taiwan (on-line)

Jianwei Zhang (idea thread mapper) School of Education, University of Albany, state university of New York (on-line) (researcher, programmer)

## Information Frank de Jong

Don't hesitate to phone me when you need help, information, transfer from Train station Ede-Wageningen to Wageningen, or any other thing.



Frank de Jong  
Ericalaan 3  
6703 EM Wageningen  
The Netherlands  
Phone (mobile) 00648132169 (in the Netherlands directly 0648132169)  
E-mail: [f.de.jong@aeres.nl](mailto:f.de.jong@aeres.nl)  
Skype: frankdjo Wageningen. Frankdejong  
Twitter: [Frank de Jong @frankdejong1](https://twitter.com/frankdejong1)  
Linkedin: <https://www.linkedin.com/pub/frank-de-jong/5/b21/b9>

## Sleeping at Frank's House:

Yoshiaki Matsuzawa, Erick Velazquez, Sylvie Ratté, Veronic Segarra Faggiono  
My wife and I are glad you stay at our home during the Hackathon-week.

## Arriving at Sunday November 25!

### Getting to know each other at Frank's House 8 PM. During the week Evenings coffee/tea/drink and 'sjoelen'.

My wife and I are please to welcome all of you in our house for getting to know and for a coffee/tea or a drink in the evenings.

For those who arrive at Sunday November 25, I invite you with a warm welcome in the evening at my house (see information above and below).

## Travel information

### From Schiphol to Ede-Wageningen

Best way is to buy an 'ov-chipcard' especially those who stay longer, want to travel to Amsterdam and use tram and bus there too. For more information

<http://www.ns.nl/en/travellers/ov-chipkaart>

You can buy easily and get information after baggage claim in the big hall of Schiphol airport. You can catch trains to Amsterdam and Ede-Wageningen (or anywhere else) directly from Schiphol Airport.

More Information:

<https://www.ns.nl/en>

The screenshot displays the NS website's search results for a train journey from Schiphol to Ede-Wageningen on Sunday, November 25th, at 15:00. The interface is in English and features a yellow header with the search criteria. Below the header, a list of train options is shown, with the 15:00 departure time selected. The selected option is an Intercity train with a duration of 1:03 and a price of €15.50. The route is detailed as Schiphol Airport (Platform 3) to Ede-Wageningen (Platform 4), with a stop at Nijmegen. The price is €15.50 for a single way, 2nd class. A 'Buy ticket' button is visible, along with a note that an e-ticket is 1 euro cheaper than a ticket from a vending machine. The page also includes links for 'Share', 'Print', and 'Calendar'.

Departure	Arrival	Duration	Transfers	Price
14:48	15:48	1:00	1x	€15.50
15:00	16:03	1:03	0x	€15.50
15:18	16:18	1:00	1x	€15.50
15:30	16:33	1:03	0x	€15.50
15:48	16:48	1:00	1x	€15.50

**Selected Option:** 15:00 → 16:03  
Intercity  
Duration: 1:03, Transfers: 0x, Price: €15.50  
Route: Schiphol Airport (Platform 3) → Nijmegen → Ede-Wageningen (Platform 4)  
Exit side left  
€15.50 single way, 2nd class  
An e-ticket is 1 euro cheaper than a ticket from a vending machine!

## Arriving at train-station Ede-Wageningen

From train station Ede-Wageningen to Wageningen Hotel Wageningse Berg or Frank's House is about 10-11 km;

Taxi (north side) is about Euro 25-27

Good taxi is [www.PANDATAXI.nl](http://www.PANDATAXI.nl) tel +31(0)684675221 You can also order a taxi from Schiphol here for 70-80 Euros' with 3-4 persons it is cheap.

### BUSSES

from Station Ede-Wageningen, Stationsweg, Ede

to Fletcher Hotel-Restaurant De Wageningsche Berg, ...

Departure

Arrival

Sun 25 Nov

15:00

Now

More options

Plan

Departure

Arrival

0:34

14:36 → 15:10

1× transfers

14:36

Station Ede-Wageningen

Walk 2 minutes  
(120 meters)

Show route

14:38

Bus stop Station Ede-Wageningen/Noordzijde, Ede ...

Platform E

Syntus Streekbus 86  
to Wageningen via Bennekom

14:58

Bus stop Busstation, Wageningen ...

Platform A

3 minutes changeover time

Breng Bus 51  
to Arnhem CS

15:04

Bus stop Wageningse Berg, Wageningen

Walk 6 minutes  
(360 meters)

Show route

15:10

Fletcher Hotel-Restaurant De Wageningsche Berg

€ 2.75

one-way with OV-chipkaart

More prices

A map showing a walking route from Mansholtlaan 18 to Hotel de Wageningsche Berg. The route is marked with blue dots and a white box indicates a 45-minute walk of 3.5 km. The map includes various streets like Nijenoord Allee, Hollandseweg, and Dorskampweg.

Train station Ede-←Wageningen

