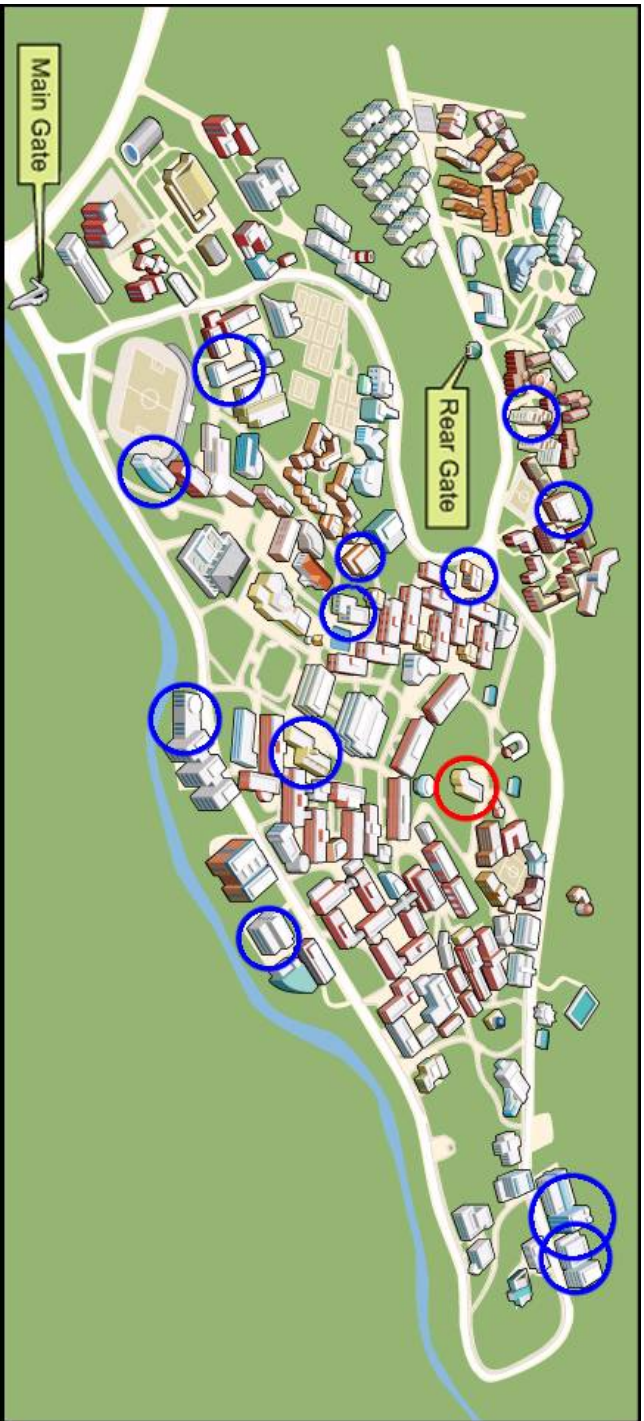


# The First German-Korean Workshop on Machine Learning in Life Sciences

August 29-30, 2007  
Faculty Club, Seoul National University, Korea

## SNU MAP



○ Faculty Club

○ Restaurants & Cafeterias

HRK Hochschulrektorenkonferenz  
Die Stimme der Hochschulen

한국대학교육협의회  
Korean Council for University Education

Bundesministerium  
für Bildung  
und Forschung

Korea Ministry of  
Science and Technology

Technische  
Universität  
Berlin

서울대학교  
SEOUL NATIONAL UNIVERSITY

CBIT Center for Bioinformation  
Technology, SNU

Berestels Center for  
Computational Neuroscience Berlin

Korea Information  
Science Society  
(SIG Bioinformation Technology)

Research in  
Germany  
Land of Ideas

# Program

Wednesday, August 29, 2007	
12:00 – 16:00	Registration
14:00 – 14:10	Welcome and Introduction Byoung-Tak Zhang
14:10 – 14:50	"Analysis of neural data" Klaus Obermayer (TU Berlin)
14:50 – 15:30	"Learning with hypernetworks" Byoung-Tak Zhang (Seoul National University)
15:30 – 16:00	Coffee Break
16:00 – 16:40	"Computational models of feature extraction and top-down attention for robust perception" Soo-Young Lee (KAIST, Brain Science Research Center)
16:40 – 17:20	"Approximate inference for continuous time Markov processes" Manfred Opper (TU Berlin)
17:20 – 18:00	"Functional dynamics of map formation in brain" Seunghwan Kim (POSTECH)
18:00 – 20:00	Reception at Faculty Club

Thursday, August 30, 2007	
09:00 – 12:00	Registration & Coffee
09:20 – 10:00	"Smart feature extraction engine for information retrieval" Sahin Albayrak (TU Berlin)
10:00 – 10:40	"Anisotropic spreads of excitability in human visual cortex" Sang-Hun Lee (Seoul National University)
10:40 – 11:10	Coffee Break
11:10 – 11:50	"Learning with tensor factorization" Seungjin Choi (POSTECH)
11:50 – 12:05	Presentation on Bernstein Center (BCCNB) Klaus Obermayer
12:05 – 14:00	Lunch
14:00 – 14:40	"A machine learning method for genotype-phenotype analysis" Johannes Mohr (TU Berlin)
14:40 – 15:20	"Measuring psychological traits using kernel methods" Cheongtag Kim (Seoul National University)
15:20 – 15:50	Coffee Break
15:50 – 16:30	"Clustering contact maps of protein structures" Brijnesh Johannes Jain (TU Berlin)
16:30 – 17:10	"Bayesian network learning for microarray data analysis" Kyu-Baek Hwang (Soongsil University)
17:10 – 18:00	Closing Meeting (General Assembly Meeting)

## General Information

- **Registration Fees: Free (until 8.26)**
- **Homepage: <http://bi.snu.ac.kr/Workshops/MLLS07/>**
- **E-mail: [MLLS07@bi.snu.ac.kr](mailto:MLLS07@bi.snu.ac.kr)**