Workshop Program

Monday May 28

13:50 – 14:00  Welcome note

14:00 – 15:40  Session 1
M. Angelini, V. Fazzini, N. Ferro, G. Santucci, and G. Silvello
The CLAIRE Visual Analytics System for Analysing IR Evaluation Data
N. Ferro
How Topic and System Size Affect the Correlation among Evaluation Measures
D. Spina, M. Maistro, Y. Ren, S. Sadeghi, W. Wong, T. Baldwin, L. Cavedon, A. Moffat, M. Sanderson, F. Scholer, and J. Zobel
A Preliminary Comparison of Job, Talent, and Web Search
G. Amato, P. Bolettieri, F. Carrara, F. Falchi, and C. Gennaro
Large-Scale Image Retrieval with Elasticsearch
C. Masotti, D. Croce, and R. Basili
Deep Learning for Automatic Image Captioning in poor Training Conditions

15:40 – 16:20  Coffee break

16:20 – 18:00  Session 2
G. Amati, S. Angelini, C. Majorani, A. Riccardi, and A. C. Carli
The Malware Text Collection and Mining Project
Selective Gradient Boosting for Ranking
A. Moreo Fernández, A. Esuli and F. Sebastiani
Polylingual Text Classification via Funnelling
Learning to trade off Efficiency and Effectiveness for Query Expansion
A Multidimensional Analysis on Polarized Topics in Twitter
Tuesday May 29

8:50 – 10:00 Keynote talk
Aristides Gionis
Combating polarization in social media

10:00 – 10:40 Session 3
F. M. Nardini, R. Perego, N. Tonellotto, and S. Trani
Static Document Reordering for First-Stage Retrieval
M. Catena and N. Tonellotto
Efficient Energy Management in Distributed Web Search

10:40 – 11:20 Coffee break

11:20 – 12:40 Session 4
A. Anagnostopoulos, C. Castillo, A. Fazzone, S. Leonardi, and E. Terzi
Algorithms for Hiring and Outsourcing in the Online Labor Market
A. Giachanou, P. Rosso, I. Mele, and F. Crestani
Emotional Reactions Prediction of News Posts using Early Commenting Activity
I. Mele, S. A. Bahrainian, and F. Crestani
Timeliness Analysis across Multiple News Streams
G. Pasi, M. Viviani, and M. Zardoni
An Approach to Event-based Dynamic User Profiling in Social Media

12:40 – 14:30 Lunch

14:30 – 15:40 Keynote talk
Dietmar Jannach
Session-based Recommendation: Challenges and Recent Advances

15:40 – 16:20 Session 5
S. Kalloori and F. Ricci
Integrating Ratings and Pairwise Preferences in Recommender Systems
D. Massimo and F. Ricci
Sequential Recommendations in IoT scenarios with a Generalized User Behaviour Model

16:20 – 17:00 Coffee break

17:00 – 18:20 Session 6
M. Polignano, P. Basile, M. De Gemmis, and G. Semeraro
An emotion-driven approach for aspect-based opinion mining
M. Tkalcic and B. Ferwerda
Theory-driven Recommendations
M. Elahi, R. Gennari, A. Melonio, and F. Ricci
It Takes Two, Baby: Style and Tangibles for Recommending and Interacting with Videos
Y. Deldjoo, M. Schedl, P. Cremonesi, and G. Pasi
Content-Based Multimedia Recommendation Systems: Definition and Application Domains

20:30 Social Dinner
Wednesday May 30

8:50 – 10:00  Keynote talk
Nicola Ferro
The Long Road Ahead from Explanation to Prediction of IR System Performance

10:00 – 10:40  Session 7
G. M. Di Nunzio and F. Vezzani
A Study on Manual Query Reformulation for Systematic Medical Reviews
P. T. Nguyen, J. Di Rocco, and D. Di Ruscio
Mining software repositories to support OSS developers: A recommender systems approach

10:40 – 11:20  Coffee break

11:20 – 13:00  Session 8
M. A. Nejadi and F. Crestani
A Collaborative Ranking Model with Contextual Similarities for Venue Suggestion
M. Piersanti, G. Brandetti, and P. Failla
Automatic Evaluation of Employee Satisfaction
P. Cremonesi, M. Ferrari Dacrema, M. Perini, F. Calzavara, and C. Bernardis
Item-based CF as an Inverse Eigenvalue Problem
V. W. Anelli, T. Di Noia, E. Di Sciascio, P. Lops, and J. Trotta
Moving from item rating to features relevance in Top-N recommendation
V. Bellini, T. Di Noia, E. Di Sciascio, and A. Schiavone
Exploiting Knowledge Graphs for Auto-Encoding User Ratings in Recommender Systems