

Entropy Workshop

Ludwigsburg

February 15 and 16

In the Bacchuszimmer of the Ludwigsburg Castle (February 15th) and
in room 5.207 (February 16th)

Ludwigsburg University

Monday February 15th, Bacchuszimmer Residenzschloss

14.15 Christoph Beierle

Title: Relational Conditionals and Maximum Entropy

14.45 Questions

15.00 Gabriele Kern-Isberner

Title: Characterizing minimum cross-entropy via conditionals

15.30 Questions

15.45 Jürgen Landes

Title: Objective Bayesian Nets from Consistent Datasets: Theory and
Implementation

16.15 Questions

16.30 Charley Wu

Title: Functional Sharma-Mittal entropy for understanding
ruggedness in optimization problems

17.00 Questions

17.15 Heike Knauber and Hannes Schray

Title: Instruction on information and coding in the classroom

17.45 Roundtable moderated by Katya Tentori

Dinner and music-----

Tuesday February 16th, Room 5.207, Luwigsburg University

9.00 Vincenzo Crupi

Title: Gini vs. Shannon: The case for quadratic entropy in formal philosophy of science

9.30 Questions

9.45 Jonathan Nelson

Title: Measuring and fostering intuitions about Entropy in students from age 5 to age 105

10.15 Questions

10.30 Matthias Hofer

Title: Using Hierarchical Adaptive Design Optimization (HADO) techniques to identify the psychological bases of uncertainty and information

11.00 Discussion

11.15 **Coffee break**

11.45 Björn Meder

Title: Entropy, heuristics, and human behavior in sequential search

12.15 Discussion

12.30 Paul Arthur Pedersen

Title: Comparative, Classificatory, and Quantitative Conceptions of Probability, Independence, and Entropy

13.00 Discussion

13.15 Lunch

14.15 Eric Raidl

Title: Generalising Updates of Ranking Functions by Optimisation Procedures.

14.45 Discussion

15.00 Günther Palm

Title: A generalization of entropy and information

15.30 Discussion

15.45 **Coffee Break**

16.15 Laura Martignon

Title: The usefulness of Max-Ent: a project for graduate students

17.00 Roundtable moderated by Alessia Dorigoni