

Welcome to Mariánské Lázně

place of

**16th Czech-Japan Seminar
on Data Analysis
and Decision Making under Uncertainty**

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List of accepted papers

1. Roman Barták, Neng-Fa Zhou: *On modeling planning problems: experience from the Petrobras challenge*
2. Vladislav Bína: *Operator of composition for continuous copulas*
3. Richard Cimler: *Decision making process in agent-based roundabout simulation*
4. Petr Čermák, Martin Morawiec: *Fuzzy rule based behavioral models in boarding a train*
5. Milan Daniel: *An Interpretation of conflicting parts of belief functions on two-element frame of discernment*
6. Michal Holčapek, Vilém Novák, I Perfilieva: *Discrete representation of stationary random processes using fuzzy transform*
7. Masahiro Inuiguchi: *Portfolio selection with interactive fuzzy coefficients*
8. Hiroaki Ishii: *A promotion sale problem for a perishable product*
9. Jiří Ivánek: *Triads of implicational, double-implicational and equivalency data-mining quantifiers*
10. Radim Jiroušek: *On causal compositional models: preliminaries*
11. Young Dae Ko, Byung Duk Song, Hark Hwang: *Location, allocation and capacity design for emergency medical centers*
12. Yoshifumi Kusunoki, Tetsuzo Tanino: *Hierarchical clustering using proximity measures based on discernibility of clusters*
13. Václav Lín: *Notes on solving the pipelined set cover problem*
14. Mayuko Miyata, Shao-Chin Sung: *On stable solutions of atomic low-carbon growth partnership Formation*
15. Tsuneyuki Namekata, Yoko Namekata: *Role of Pavlov-like strategy on emergence of cooperation in demographic donor-recipient game*
16. David Novák, Petr Čermák: *UAV environment recognition for better horizon detection with usage of FUZZY IS*
17. Vilém Novák: *Mining information from time series using fuzzy natural logic*
18. Jana Nowaková, Miroslav Pokorný: *Rule based systems for monitoring and controller re-adaptation*
19. Irina Perfilieva, Petr Hurtik: *F-Transform for image reduction*
20. Jiří Přibil: *On the practical issues of document context extraction and similarity measuring in multilingual environment*

21. Jaroslav Ramík, Petr Korviny: *Additively and multiplicatively transitive fuzzy relations in ranking of alternatives*
22. Martin Štěpnička, Michal Holčapek: *Fuzzy relational compositions based on generalized intermediate quantifiers*
23. Tetsuzo Tanino, Yoshifumi Kusunoki: *The linear space of transferable utility games*
24. Hana Tomášková, Martin Gavalec: *Decision making in MAX-PROD algebra*
25. Jiřina Vejnarová: *Credal networks and compositional models: preliminary considerations*
26. Milan Vlach: *Three-person bargaining problems*
27. Jiří Vomlel: *A generalization of the noisy-or model to multivalued parent variables*
28. Junzo Watada and Chenxue Wang: *A Karhunen-Loeve transform approach to robust color image segmentation*

Time Table

Thursday, September 19

Welcome party in Hotelová Škola (see page 5) — 19:00 – 21:00

Friday, September 20

Session I — 8:40 – 10:20

Ishii (8) — Barták (1) — Vomlel (27) — Štěpnička (22)

Coffee break

Session II — 10:50 – 12:30

Novák (17) — Watada (28) — Bína (2) — Jiroušek (10)

Lunch

Session III — 14:00 – 15:40

Inuiguchi (7) — Tomášková (24) — Cimler (3) — Ko (11)

Coffee break

Session IV — 16:10 – 17:50

Vejnarová (25) — Kusunoki (12) — Nowaková (18) — Ivánek (10)

Guided sightseeing around Mariánské Lázně — 18:00 – 19:00

Conference dinner (in Hotelová Škola) — 19:30 – 21:00

Saturday, September 21

Session V — 8:40 – 10:20

Vlach (26) — Namekata (15) — Ramík (21) — Daniel (5)

Session VI — 10:50 – 12:30

Tanino (23) — Perfilieva (19) — Holčapek (6) — Novák, D (16)

Lunch

Session VII — 14:00 – 15:40

Miyata (14) — Lín (13) — Čermák (4) — Přibil (20)

Walking tour to Kladská — 16:00 – 18:30

Dinner in Kladská — 18:30 – 21:00

Sunday, September 22

Full day excursion

How to get from Hotel Sonáta to Hotelová Škola

Total distance is about 650 m (10 minutes walk)



Information on social events

Welcome party in Hotelová Škola

Thursday 19:00 – 21:00

All participants are expected to come to the conference venue: Hotelová škola, where the welcome party starts at 19:00. The distance from hotel Sonáta is about 650 meters, i.e. 10 minute walk – see the map on page 5.

Guided sightseeing around Mariánské Lázně

Friday 18:00 – 19:00

Guided sightseeing tour starts when Session IV is over (approximately at 18:00). We will learn a little about the history of this remarkable historical health resort and will have a possibility to taste from several curative springs.

Walking tour and dinner in Kladská

Saturday 16:00 – 21:00

Saturday dinner will be served at former hunting-lodge of prince Schnburg-Waldenburg. It is one of the most beautiful places in region of Cheb with a pond in the centre of Protected landscape area Slavkov Forest. The participants will have two possibilities: either to walk from Mariánské Lázně to Kladská (the distance is 8.5 km – see the map on page 7), or to take a bus to this place. Walking tour will start when the afternoon session finishes. Those going by bus are asked to announce their decision to Iva Krejčová. The bus will start at 17:15 from Hotelová škola, so that the participants will have enough time to make a walk on wooden paths around the pond (cca 2 km) before the dinner.

A return journey will be for all by bus.

Selection of main dishes (the choice is to be announced by Friday noon to Iva Krejčová):

1. Venison steak, potatoes (zvěřinový steak, vařený brambor)
2. Boar in rose hip sauce (kančí se šípkovou omáčkou, restí)
3. Wild duck, cabbage, Bohemian dumpling (divoká kachna, červené zelí, houskový knedlík)
4. Hare joint in creme sauce, Bohemian dumplings (zaječí stehno se svíčkovou omáčkou, houskový knedlík)
5. Stuffed quails, mixed garnish (pečené křepelky s nádivkou, míchaná příloha)

Walking tour to Kladská

Total distance is about 8.5 km



Full day excursion

Sunday 10:00 – 18:00

The bus will leave at 10:00 from hotel Sonáta. First, we will visit a monastery in Teplá that was founded in 1193 by a Czech nobel man Hroznata. The monastery is famous especially because of its library, which is, with more than 100 000 folios, the second largest of this category in the Czech Republic.

After having a lunch (as a main dish a trout will be served) in a renovated small pension house (Gasthof Steidler) we will continue to Castle Loket with a Romanesque, 26m-high tower of a square ground, which along with the remnants of a living space conceals the Loket Dragon! The dragon bears a resemblance to a snake and a lizard, however, he is a real good soul. Up to the present the Loket housewives have been coming to him to get the fire for the kindling in their stoves. We will learn more about this castle during a guided tour in English.

The arrival to Prague (hotel Alton) is expected about (or slightly after) 18:00.

