Programme of WebLab97
held in association with the Jožef Stefan Institute
at Grand Hotel Toplice, Bled, Slovenia, 2-3 September 1997

Tuesday, 2nd September, 1997

9:30 Donald Michie
Introduction to the meeting, WebLab as a shared testing shed. What question has the meeting been called to consider? Walk-through of the programme and the planning agenda.

10:00 Matthew Webster
IBM’s Java mission. Description of corporate internet requirements. Commonalities and divergencies from scientific requirements.

10:30 Questions and discussion

11:00 Coffee

11:20 Matthew Webster and Stephen Blackheath
Java language, Java Development Kit, Java Beans, Common object models.

12:20 Questions and discussion

12:45 Lunch

14:15 Java-less approaches:

14:15 Nada Lavrač

14:30 Blaž Zupan
Issues in the development of an integrated Machine Learning environment, using a modular, object-oriented approach.

14:45 Carl Rasmussen

15:15 Specific questions and discussions on the above three presentations

15:30 General discussion
How far can such facilities be pushed, short of Java-based solutions?

16:00 Tea

16:20 Matthew Webster, Stephen Blackheath
Recap of Java language and library facilities of special relevance to the above.

16:50 Adjourn for demos
including Co-operative Agents video (Hyacinth Nwana), Test your own (a) rule-discovery, (b) rule-comprehension (Rupert Parson), BOTWORLD (Claude Sammut).

18:15 Jožef Stefan Evening Discourse
Chair: Prof. Ivan Bratko
Lecturer: Prof. J.R. Quinlan
Title: Boosting Inductive Learning Systems

19:15 Questions and Discussion

19:40 Depart for Vila Bled Restaurant

20:00 Banquet
Welcome to foreign visitors from Dr. Tomaž Kalin, Deputy Director, Jožef Stefan Institute.
bayes -pp (discretize method=equiN intervals=4)

id3 -pp (ignore OP_TIME HEALTH) -minex 10 -prune (m m=5) -minleaf 20 -b

id3 -pp (ignore OP_TIME PATIENT COMPLICATIONS REHAB HEALTH ENDOPROSTH) -minex 10 -prune (m m=5) -minleaf 20 -b

compare ba.alg -F implants.tab -sampler cv -statistics (order ROC classvalue=Well)
```python
import orange
data = orange.ExampleTable('voting.tab')
print 'Instances:', len(data)
print 'Attributes:', len

Instances: 435
Attributes: 16

for i in range(5):
    print model(data[i]), 'originally', data[i].getclass()

republican originally republicn
republican originally republicn
republican originally democrat
democrat originally democrat
democrat originally democrat

p = model(data[2], orange.GetProbabilities)
print data.domain.classVar.values[0], ':\n', p[0]

republican :
0.995421469212
```