

REASON PARK

First INTERNATIONAL SUMMER SCHOOL on
"REASONing under PARTial Knowledge"

Foligno (Perugia), ITALY
27th August - 6th September 2001

<http://www.dipmat.unipg.it/reasonpark>

AIMS

In the last decades, the treatment of partial knowledge has seen a great expansion, giving rise to a number of different tools (such as nonmonotonic logic, uncertainty measures, etc.) to perform automated reasoning. The understanding of the basic methods and techniques has undergone the development of a truly interdisciplinary research community and of a parallel debate on the choice of the "best" relevant tools.

- to provide Ph.D. students and, in general, young researchers with a basic training in Reasoning under Partial Knowledge and its application in various fields, including Computer Science, Economics, Medicine, Biology, Engineering.

- to stimulate a critical attitude, in particular towards routine application of standard techniques: a particular care will be devoted to singling-out still unsolved puzzling foundational and interpretation problems in this fascinating and rapidly growing field.

The School offers 5 courses, and is supplemented by a Seminar in which some hot topics will be introduced by Chairmen and freely debated.

- there will be no parallel sections : but the participants can select among the courses offered (it is expected that the "average" participant will select at least 3 courses)
- there will be ten days of classes (except Saturday afternoon and Sunday);
- **5 courses** (each of 10 lectures) and a **seminar** (for a maximum of 8 meetings)

PROGRAM

- *Courses* :

- Fuzzy Logic (Petr Hajek)
- Non-additive measures as a base for uncertainty, nonlinearity and optimization (Endre Pap)
- Approximate Reasoning in Medicine (Philippe Smets)
- Decision theory (Mark Machina)
- Introduction to Lisp (Eugen Neidl)

- *Seminar* :

Epistemological problems arising from the handling of partial knowledge (chairs: David Miller and Settimo Termini)

SCIENTIFIC COMMITTEE

P. Bonissone (USA), B. Bouchon-Meunier (France), G. Coletti (Italy), A. Di Nola (Italy), D. Dubois (France), D. Gabbay (U.K.), A. Gilió (Italy), L. Godo (Spain), P. Hajek (Czech Republic), R. Kruse (Germany), D. Miller (UK), J. Paris (UK), H. Prade (France), G. Sambin (Italy), R. Scozzafava (Italy), P. Smets (Belgium), S. Termini (Italy), E. Trillas (Spain).

ORGANIZING COMMITTEE

G. Coletti (Università di Perugia), A. Di Nola (Università di Salerno), R. Scozzafava (Università "La Sapienza" di Roma), S. Termini (Università di Palermo).

SUPPORTING INSTITUTIONS

Comune di Foligno, Provincia di Perugia, Regione Umbria, Università di Perugia

Deadlines :

- **May 15** : Deadline for application
- **May 30** : Notification of acceptance
- **June 30** : Deadline for fee's payment
- **August 26** : Welcome and registration
- **August 27** : School starts

GENERAL INFORMATION

- the number of participants is limited to a maximum of 30.
- People applying should send a curriculum vitae and possibly a letter of recommendation.
- the total fee, including lodging, breakfast and lunch, is 400 Euro.
- thanks to the sponsoring Institutions, free admission can be granted to 3 deserving (not CEE-resident) students.

Persons wishing to attend should send an e-mail to:

reasonpark@dipmat.unipg.it

or an ordinary mail to: Reasonpark, Dipartimento di Matematica e Informatica, Università, 06100 PERUGIA (Italy)

VENUE

- Laboratorio di Scienze Sperimentali - Via Isolabella 06034 FOLIGNO (Italy)
- All participants will be lodged downtown Foligno at *Palazzo Pierantoni* (an old 16th century - recently restored - Building) - Via Pierantoni (at walking distance from the School).

- Foligno was the Roman *Fulgina* located on the plain at the confluence of two rivers. The ancient Umbrian center fell to the Romans in 295 BC, subsequently becoming first a Roman *Municipium*, then the seat of the Prefecture, and finally the *Statio principalis* of imperial traffic on the Via Flaminia

How to reach Foligno:

From Perugia Airport (Sant'Egidio, km. 25)

From Ancona Airport (Falconara, km. 130)

From Rome Airport (Fiumicino, km. 165)

By train: on the railway Roma - Ancona ;

or from Florence, railway Terontola - Foligno .

Two other magnificent cities, Assisi and Perugia, are a few kilometers away from Foligno.

SOCIAL EVENTS

Evening music, visits to nearby towns, and mountain excursion on Saturday afternoon and Sunday