



Alain Colmerauer Prize

Summary of applications

Francesca Rossi

Geographical distribution

- 21 applications
- EU (10)
 - Sweden, Germany, Austria, Italy, Spain, France, Greece, Slovenia
- USA (2)
- Canada (2)
- UK (1)
- Asia (3)
 - China, Japan
- 3 unknown

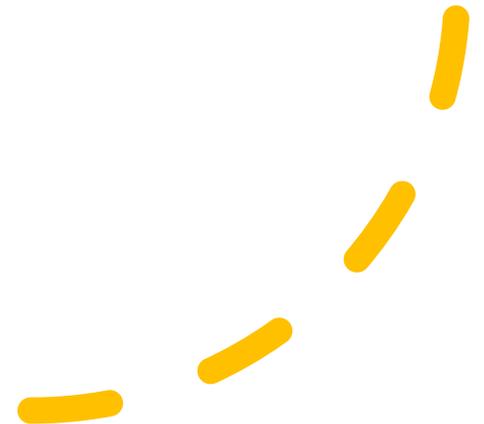


Application areas

- Legal domain: legal rules, regulation compliance, laws and regulations
- Software development: software assurance, software verification, model driven engineering
- Healthcare: physical rehabilitation
- Financial domain: financial report validation
- Automotive: car specification feasibility checking
- Social services: alert management for firefighters services

- Other research areas: logic, formal models, argumentation, planning

- Long-term: save humanity



Application type

- System (3)
- Method (6)
- Application (7)
- System + application (3)
- Book (1)
- Philosophy (1)



Process

- All jury members reviewed all applications
- Shortlist selected and discussed with SC
- Notification to applicants (finalists)
- Winner selection



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Five shortlisted submissions - - criteria

- Relevance to the prize
 - Depth of the work
 - Novelty, proven or potential impact to research
 - Business and society/environment impact
 - Support letters
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- Particular attention to evidence of real-life deployed applications
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Five
shortlisted
submissions -
- process

- Four priority levels
- All jury members reviewed all submissions
- Call with all jury members to discuss all submissions



The five finalists

- PROLEG: Practical Legal Reasoning System
 - ProB: Harnessing the Power of Prolog to Bring Formal Models and Mathematics to Life
 - Logic Model Processing
 - Pacioli: a PROLOG system for financial report validation
 - Symbium
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- Application domains include: the legal system, railroads, the financial system, and legal compliance