GPCE 2005
Tallinn, Estonia

Report from the Program Chairs

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Dates

Abstracts	April 10
Submissions	April 15
PC Meeting	May 18-26
Notification	May 30
Final Papers	June 28
Conference	Sept 29-Oct 1

Contributions

- Abstracts **104**
- Submitted **86**
- Accepted **27**
- Ratio **31%**

(Thereof tool demos: 5/2 40%)

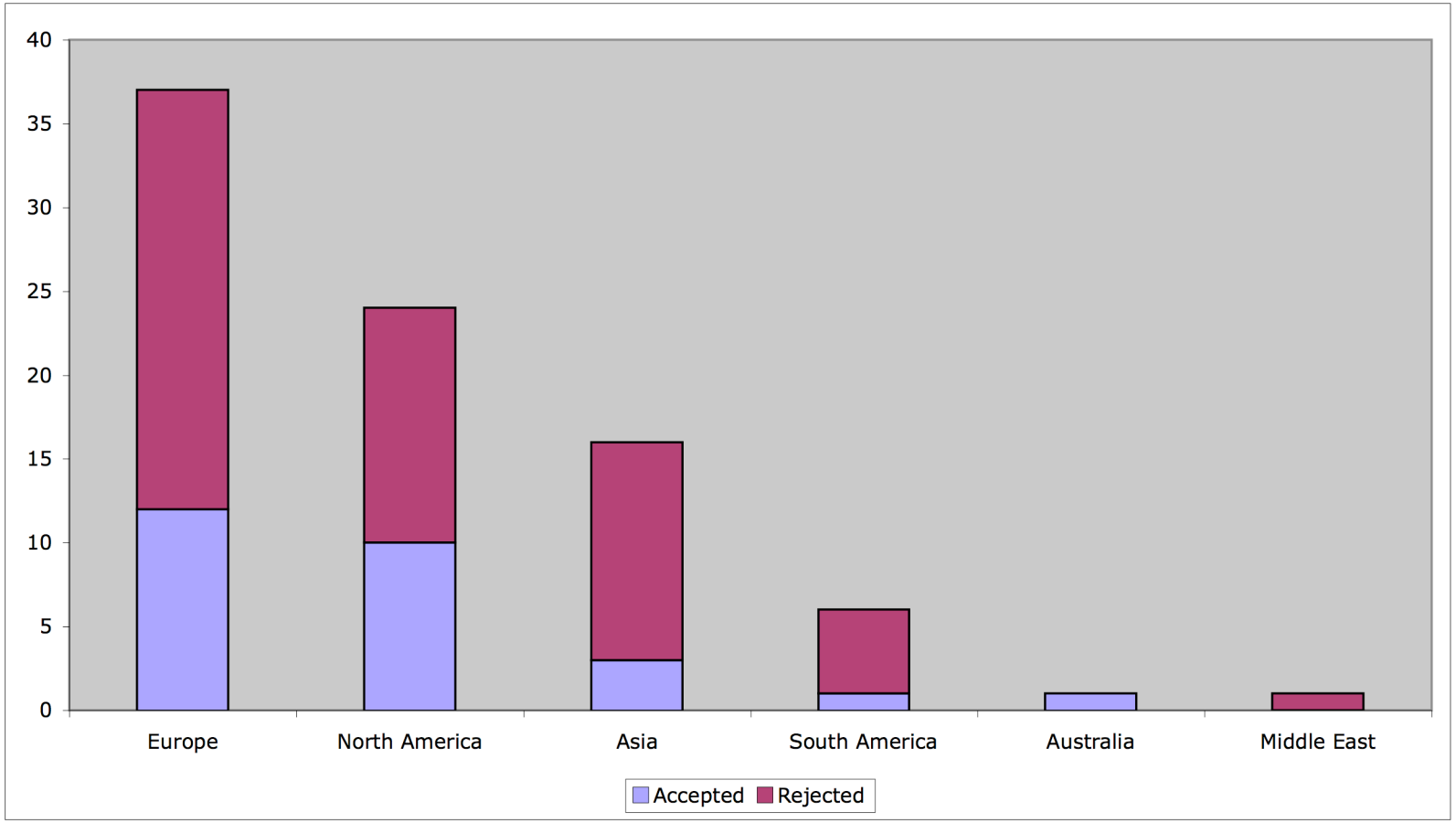
History

	submitted	accepted	ratio	registered
2002	39	18	46%	53
2003	62	21	34%	80
2004	75	26	35%	94
2005	**86**	**27**	**31%**	**77**

Selection Process

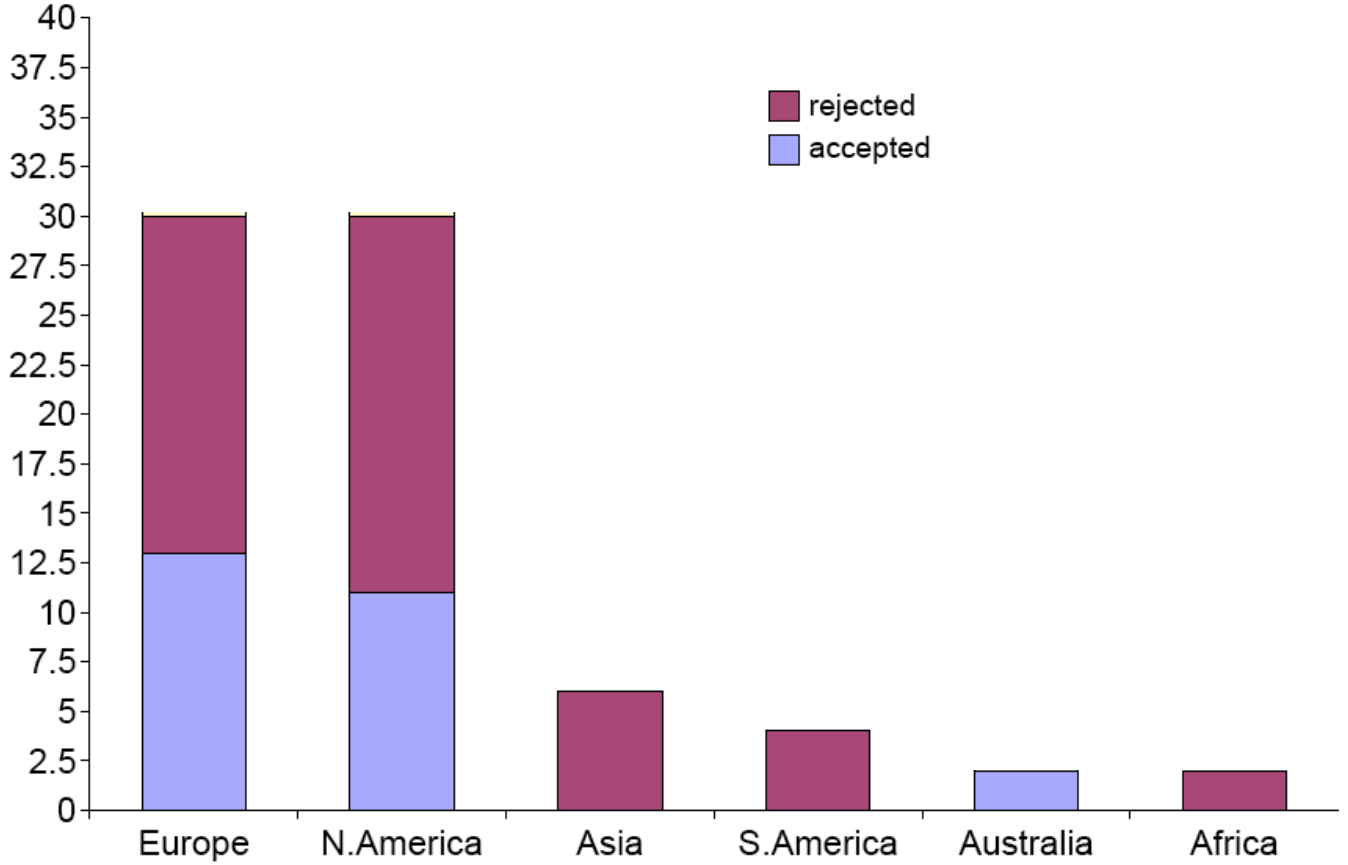
- 19 PC members
- 43 co-reviewers
- EasyChair (submission and review system)
- 3.1 reviews per paper
- Online PC meeting
- May 18-26, 2005
- EasyChair-based
- PC papers discussed separately

Geographical Distribution

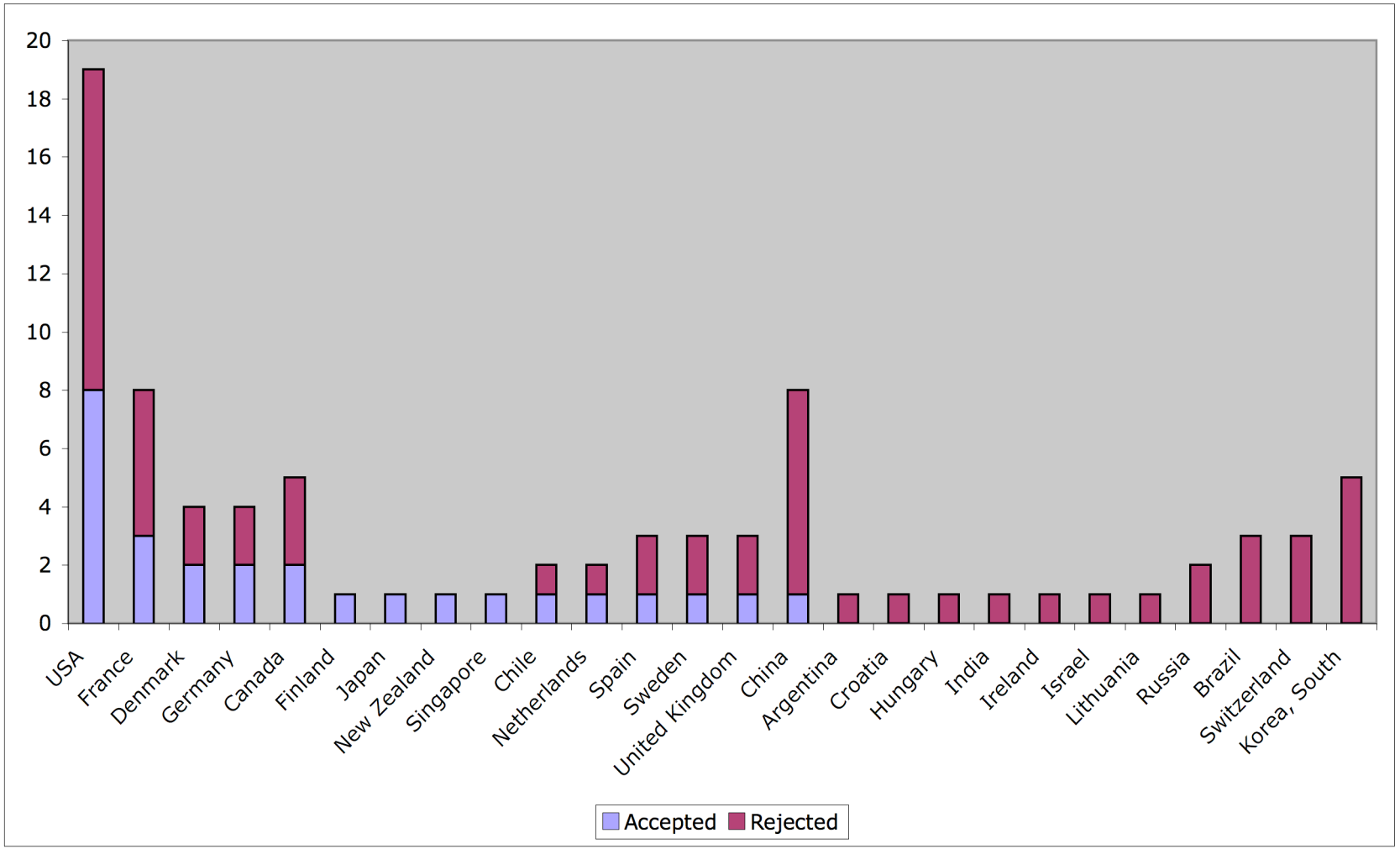


(Corresponding author's location)

Geographical Distribution (2004)



Geographical Distribution (accepted)



Popular Topics of Submissions

Topic	Submitted	Percentage
Meta-programming, partial evaluation, reflection	26	31%
Aspect-oriented and feature-oriented programming	26	31%
Runtime code generation, compilation, active libraries	19	22%
Integration of generative and component-based approaches	19	22%
Domain-specific languages (DSLs)	18	21%
Reuse	15	18%
Semantics, type systems, and symbolic computation	15	18%
Distributed platforms, distributed systems	14	16%
Multi-stage and multi-level languages	13	15%
Evolution and development methods	12	14%
Step-wise refinement and program transformation	11	13%
Synthesis from specifications and development methods	11	13%
Product lines and architectures	10	12%
Model-driven architecture	9	11%
Formal methods	7	8%
Linking and explicit substitution, in-lining and macros, templates	6	7%
Formal development methods	6	7%
Industrial applications	6	7%
Analysis and design patterns	5	6%
Visual and UML-based DSLs	5	6%
Embedded systems	4	5%
Generation of non-code artifacts	3	4%
Intentional programming and multi-dimensional separation of concerns	2	2%

Success Rate by Topic

Topic	Submitted	Accepted	Ratio
Generation of non-code artifacts	3	0	0%
Intentional programming and multi-dimensional separation of concerns	2	0	0%
Synthesis from specifications and development methods	11	1	9%
Model-driven architecture	9	1	11%
Formal development methods	6	1	17%
Analysis and design patterns	5	1	20%
Embedded systems	4	1	25%
Evolution and development methods	12	3	25%
Runtime code generation, compilation, active libraries	19	5	26%
Integration of generative and component-based approaches	19	5	26%
Distributed platforms, distributed systems	14	4	29%
Formal methods	7	2	29%
Product lines and architectures	10	3	30%
Aspect-oriented and feature-oriented programming	26	9	35%
Domain-specific languages (DSLs)	18	7	39%
Semantics, type systems, and symbolic computation	15	6	40%
Visual and UML-based DSLs	5	2	40%
Step-wise refinement and program transformation	11	5	45%
Reuse	15	7	47%
Meta-programming, partial evaluation, reflection	26	13	50%
Industrial applications	6	3	50%
Multi-stage and multi-level languages	13	9	69%
Linking and explicit substitution, in-lining and macros, templates	6	5	83%

Conference Coverage by Topic

Topics	Accepted	Percentage
Meta-programming, partial evaluation, reflection	13	48%
Multi-stage and multi-level languages	9	33%
Aspect-oriented and feature-oriented programming	9	33%
Reuse	7	26%
Domain-specific languages (DSLs)	7	26%
Semantics, type systems, and symbolic computation	6	22%
Step-wise refinement and program transformation	5	19%
Linking and explicit substitution, in-lining and macros, templates	5	19%
Runtime code generation, compilation, active libraries	5	19%
Integration of generative and component-based approaches	5	19%
Distributed platforms, distributed systems	4	15%
Product lines and architectures	3	11%
Evolution and development methods	3	11%
Industrial applications	3	11%
Formal methods	2	7%
Visual and UML-based DSLs	2	7%
Synthesis from specifications and development methods	1	4%
Formal development methods	1	4%
Embedded systems	1	4%
Model-driven architecture	1	4%
Analysis and design patterns	1	4%
Generation of non-code artifacts	0	0%
Intentional programming and multi-dimensional separation of concerns	0	0%

Lessons Learned

Worked well:

- Separate Abstract and Paper submission
- Web-based submission and review system
- Interaction with Springer-Verlag production

To consider for future GPCEs:

- Enlarge PC size: aim at 10-12 papers/member?
- Time submit-notify: aim at 7 weeks?
- Long-term: co-location with an Asian meeting?

Thanks from PC Chairs

- Eugenio Moggi
- Members of the PC
- Reviewers
- Authors
- Springer-Verlag

Special thanks to

- Andrei Voronkov (EasyChair)
- Tarmo Uustalu & all local organizers