

ACP SUB-COMMITEE FOR STRATEGIC PLANNING

Preliminary strategic document

ACP

- International representative body for CP researchers
 - ▣ CP conference (since 1995)
 - ▣ Summer school (since 2005)
 - ▣ Doctoral program (since 2001)
 - ▣ Awards
 - Research excellence (since 2005)
 - Doctoral (since 2008)
 - Distinguished service (since 2010)

Why a strategic planning committee?

- To ensure the CP community takes full advantage of the many lines of research, to maximize impact on **science** and **society**
- Overall strategic plan
- EC appointed a committee on strategic planning

Main goals

- Reflect upon achievements to date
- Identify a core mission
- Define values and objectives for the future
- Develop a strategy to help The CP community to achieve them
- Propose metrics to measure performance towards objectives
- Produce a reference document

All in consultation with the CP community

Members of the committee

- Proposers/organizers
 - ▣ Francesca Rossi
 - ▣ Barry O'Sullivan
 - ▣ Pascal Van Hentenryck
- EC representative
 - ▣ Pierre Flener
- Other members
 - ▣ Michela Milano
 - ▣ Christine Solnon
 - ▣ Mike Trick
 - ▣ Toby Walsh

Timeframe

- EC establishing committee in Q4 2013
 - ▣ Announced to the whole ACP membership at start of 2014
- Committee formed and discussion in March-May 2014
- Discussion and consultation with CP community in April-May 2014
- Presentation of state of the discussion at CPAIOR 2014
- Community feedback and additional discussion within committee in June-July-August 2014
- Final report at CP 2014

Starting point

- Core mission
 - ▣ To promote the CP community, increase impact in other disciplines and in industry
- Status quo
 - ▣ Conference
 - Narrowing scope every year (very multi-disciplinary at the start, now mostly core, safe, incremental work)
 - Almost no companies present
 - Acceptance rate lowered over the years
 - Applications under-represented
 - ▣ Journal
 - Struggling to attract many good submissions and having a high enough impact factor

Objectives



- Conference submissions and attendance from academia and industry to increase
- Status of journal to rise
- Constraints to have wider application

Strategies to achieve objectives

- Conference
 - Poster track
 - Multi-disciplinary track with a separate open-minded PC
 - Application track (with suitable reviewing criteria)
 - Expand to constraint/decision analytics?
 - Colocations (SAT, FLOC, ML, ...)
 - Workshops on application areas (smart cities, computational sustainability, ...)
 - Better coordination between CP and CPAIOR
- Journal
 - Solicit EB members and all CP researchers to submit papers
- ACP website
 - Collection of PhD theses
- Applications
 - Prestigious application prize (David Waltz? In the style of the Edelman award of OR?)
- Education
 - Promote teaching of CP in master/PhD programs in universities and business schools

Metrics to check progress

- Number of conference submissions (posters/papers/multi-disciplinary/applications)
- Number of conference delegates (academic/industry)
- Number of journal submissions
- Impact factor of journal
- Number of CP courses in universities
- Number of PhD thesis in CP

More feedback needed

- A questionnaire was opened prior to CPAIOR 2014
 - ▣ Little feedback to base any decision on it
 - ▣ Will be extended and reopened, to achieve a better assessment of the state of the community
- Also on current proposal for
 - ▣ Objectives
 - ▣ Strategies
 - ▣ Metrics