

1 Introduction

Computational kinematics (CK) is a domain which is slowly spreading in the mechanism community. We understand here under the term CK that branch of kinematics research involving intensive computation not only of the numerical type, but also of a symbolic or geometric nature. The TC on Computational Kinematics has now 19 members and is well balanced in terms of countries representation.

It must be noted that Computational Kinematics is since many years one of the most well represented domain in most mechanisms and robotics conferences.

2 Events of 2002-2003

2.1 CK 2003

The largest event of the TC should have been the venue of the Computational Kinematics 2003 workshop to be held within the World Congress.

Confronted to the report of the World Congress the TC has investigated if the organization of an informal workshop in 2003 was possible. However most of the TC members agree that the time schedule was too short for organizing an alternate CK workshop.

2.2 EJCK

In 2002 has been launched the electronic journal *Electronic Journal of Computational Kinematics* (EJCK), proposed by the TC ¹. The result are mitigated: although some good papers have been proposed it appears that although such type of journal is nowadays quite accepted in other communities (for example in astronomy or artificial intelligence) it may be too innovative yet in MMT. It may also be thought that the academic system favors well established journals over innovation.

The proposal of the TC is to keep EJCK alive by publishing the papers proposed in the CK workshops until we can impulse a trend to publish a first official issue with only proposed papers.

2.3 European 6th framework

During the call for "Expression of interests" (EOI) proposed by the EU in order to get a feedback from the research community at large for the preparation of the launch of the 6th Framework Program the TC has noticed that many of the EOI's were strongly related to kinematics and were involving many members of our community.

Therefore, although not all research proposals have been submitted to the EU, it is a great disappointment to notice that very few of them are related to kinematics research or machine theory.

3 New members

The TC would like to propose 2 new German members for the TC:

- -Pr. Kecskemethy, University Duisbourg
- -Dr. Kerle, University Braunschweig

¹<http://www.inria.fr/coprin/EJCK/ECJK.html>