

Questionnaire:

1) Quality of the project proposal

1a) Originality, scientific importance, prospects of the project and expected benefits of the project for basic research

This is an ambitious proposal, with clear aims addressing several scientific challenges from real life applications. The center, if in place, will be an international focus of research.

1b) Preparation of the project proposal, aim of the project and proposed deliverables

The proposal is well prepared with clearly set out objectives which appear promising and achievable by the excellent team of researchers.

1c) Concept, methodology and timeline

The proposed work and methodology are clearly defined with ideas and methods sufficiently elaborated. The long duration is justifiable, considering the challenges proposed to tackle.

The overall quality of the project proposal can be rated as:

Very good - A2

2) The applicant(s) and his/their publication level

All the applicants are excellent researchers in their own fields. I am confident that they will collaborate well and deliver the objectives.

The qualification of the applicant(s), his/their publication level can be rated as:

Excellent - A1

Overall commentary on the project proposal:

a) Strengths of the project proposal:

This is a clearly defined and academically sound proposal for tackling several applied maths challenges. The center will provide an intentional focus and a great presence in the communities.

b) Weaknesses of the project proposal:

It would benefit more from inviting more collaborators from Czech industries and the current arrangement is less formal so it is unclear how direct feedback from the applied scientists and engineers is gathered and how Czech industrial sectors could gain competitive advantages with this new center in order to improve quality of life.

c) General comments:

Perhaps the duration of 5 years could be increased to 10 years.