
Q1 What is your organisation's/project's name?

CRAY

Q2 Your organisation's/project's website

www.cray.com

Q3 Are you?

A company

Q4 Your name

Q5 Your email address

Q6 Your contact phone number

Q7 Please summarise who you are and what you do

Director of the EMEA Research Lab, the European research wing of Cray. Specialising in co-design activities and customer-led R&D. We develop future-looking products and collaborate on experimental hardware and software.

Q8 In what way would like to contribute to an EsD project? **As a technology provider,**

**As a system
integrator**

Q9 What would be your contribution to an EsD project?

Cray has experience of very large-scale system-level co-design projects and would bring this expertise to an EsD project. The challenge of an EsD project will be to design a system that meets price, power, performance and operation costs targets, and this is where the role of a pure systems integrator is not sufficient. Cray's experience of application-based solution development and large system provision will be very useful for any EsD consortium, regardless of the technology used.

Cray can also contribute to consortia as software technology providers, with active current projects in the areas of workflow optimisations, execution engines, data transport methods, asynchronous tasking, programming models, ARMv8 tool and compiler development, data-aware middleware, mixed precision computing, memory abstraction.

Q10 What partners are you looking for?

- 1) HPC application developers looking to co-design pre-Exascale hardware and software solutions based on deep application performance analysis
 - 2) HPC systems providers understanding pre-Exascale systems design constraints and able to communicate the design implications of these constraints
 - 3) Third party suppliers who can contribute technology and components as part of this process
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Q11 Please include links to any additional material.

<http://www.cray.com/company/partners/organizations-initiatives/cray-emea-research-lab>

Q12 Other comments/ideas

Respondent skipped this question
