



SUPERCONDUCTING TECHNOLOGIES

FOR THE NEXT GENERATION
OF ACCELERATORS

WORKSHOP

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Marie Curie Industry-Academia Partnerships and
Pathways (IAPP) Opportunities

IAPP Opportunities

Looking for commercial partners that would like to joint efforts with CERN and other research institutions in longer-term **research on technologies** to be used on the High Luminosity LHC Project.

The aim of this collaboration is **cross-sectoral knowledge sharing and intersector mobility**, based on targeted human resources interaction.

Such research partnership projects shall exploit **complementary competences of the participants** as well as other synergies.

IAPP in a nutshell

Purpose	Enhance industry-academia cooperation in terms of research training, career development and knowledge sharing , in particular with SMEs, and including traditional manufacturing industries
Participants	One or more research organisations , universities, research centres and one or more commercial enterprises that propose a research project based on a joint cooperation programme . The commercial partners shall be research-performing companies gaining the majority of their revenue through competitive means with exposure to commercial markets. There shall be at least one participant from each of the two sectors and from at least two different Member States and/or associated countries.
Activity	<ul style="list-style-type: none">• Exchange of know-how and experience through inter-sector two-way secondments of research staff of the participants, with in-built return mechanisms• Networking activities, organisation of workshops and conferences• Optional recruitment by the participants of experienced researchers from outside the partnership for involvement in transfer of knowledge and/or in the training of Researchers Secondments will represent at least 50% of all human resources supported

IAPP in detail - PURPOSE

Purpose	<p>Enhance industry-academia cooperation in terms of research training, career development and knowledge sharing, in particular with SMEs, and including traditional manufacturing industries</p> <p>Support for the creation, development, reinforcement and execution of strategic research partnerships in the form of a longer-term research cooperation programme.</p> <p>The aim of this collaboration is cross-sectoral knowledge sharing and intersector mobility, based on targeted human resources interaction. Such research shall exploit complementary competences of the participants as well as other synergies.</p>
Research	<p>The joint research project should be designed to exploit complementary expertise of the participants and to create synergies between them. In addition, to advance research knowledge in a particular area, IAPP projects are also expected to create additional benefits for the participants in terms of cross-sectoral transfer of knowledge.</p> <p>These research and transfer of knowledge goals are mutually overlapping and complementary. In each consortium, staff secondment is compulsory while new recruitment is optional and must be justified.</p> <p>Both the secondee and the host organisation are expected to benefit from the secondment in terms of new transfer of knowledge, whereas the aim of a recruitment is to bring new knowledge into the host organisation for the benefit of the host staff and for the IAPP research project.</p>

IAPP In detail - PARTICIPANTS

Participants	<p>At least:</p> <ul style="list-style-type: none">• one participant from the non-commercial sector ("academia") and• one participant from the commercial sector ("industry") <p>From at least 2 different EU Member States and/or Associated Countries</p> <p>Normally between 2 and 6 participants. Two from EU or AC, the rest can be from any country</p>
Characteristics	<p>Non-commercial sector:</p> <ul style="list-style-type: none">• National organisations (e.g. universities, research centres etc.);• Non-profit or charitable organisations active in research (e.g. NGOs, trusts, etc.);• International European interest organisations (IEIOs, e.g. CERN, EMBL, etc.);• The Joint Research Centre of the European Commission <p>Commercial sector:</p> <ul style="list-style-type: none">• From SME to big commercial industries research-performing. It can be an start up it can be the commercial department (spin-off) of and university that bills and tenders outside
Coordination	One of the participants (commercial or non-commercial)
Location	At least two different EU Member States or Associated Countries. Additional participants can be located in any country

IAPP In detail - ACTIVITY

	Secondment
Scope	Each secondment would be expected to benefit both the secondee, who would acquire new knowledge and bring it back to the sending organisation, and the host organisation, which would acquire new knowledge from the secondee.
Ratio and quotas	Secondments must represent at least 50% of the researcher months (i.e. secondments plus recruitments) supported Intra-national secondments (i.e. between participants within the same country but different sectors) must not represent more than 30% of the total number of researcher months to be supported.
Nature	All secondments must be inter-sectoral in nature (i.e. from the commercial to the noncommercial partners or vice-versa), with the receiving institution hosting the seconded researcher(s) at its premises for the duration of the secondment. Intra-sectoral secondments (e.g. commercial to commercial) are not supported under the IAPP scheme
Qualifications	Exchange of research staff can be for early-stage researchers or experienced researchers . Technical and research managerial staff (justified) Staff members of a participating institution must have been active (work, studies) continuously for at least one year immediately prior to secondment.
Duration	From 2 to 24 months. By contract the commitment of its researchers to return after the secondment for at least one year

IAPP In detail - ACTIVITY

	Networking
Scope	Sharing of knowledge and culture between the participants.
Nature	Networking activities, organisation of workshops and conferences to facilitate sharing of knowledge and culture between the participants in a wider setting, involving the participants' own research staff and external researchers
Requirements	None

IAPP In detail - ACTIVITY

	Recruitment
Scope	Experienced researchers that contribute to knowledge transfer or training
Requirements	<ul style="list-style-type: none">• Researchers to be newly recruited are required to undertake trans-national mobility• Researchers of any nationality can be recruited• Transnational mobility rule does not apply to the hosting of eligible researchers by a IEIO. However, the appointed researcher must not have spent more than 12 months in the 3 years immediately prior to their recruitment in that hosting organisation
Nature /Qualifications	Experienced researchers: at the time of recruitment or secondment, (i) be in possession of a doctoral degree, or (ii) have at least four years of full-time equivalent research experience, including the period of research training, after obtaining the degree which formally allowed them to embark on a doctorate in the country in which the degree was obtained or in the country of the host institution to which they are seconded or recruited (irrespective of whether a doctorate was envisaged or not).
Contract	Newly recruited <i>experienced researchers</i> must be appointed under employment contracts only.
Duration	Minimum of 12 months and a maximum of 24 months

IAPP Financing

	Financing
Scope	<ul style="list-style-type: none"> • Cost related to staff secondments between both sectors within the partnership; • Costs related to the temporary hosting in either sector of experienced researcher recruited from outside the partnership; • Networking costs and the organisation of workshops and conferences
Living allowances	<p>Secondment: Early Stage Researchers 38,000 €/year Experienced Researchers (< 10 years experience) 58,500 €/year Experienced Researchers (>10 years experience) 87,500 €/year</p> <p>Recruitment: Experienced Researchers (< 10 years experience) 58,500 €/year Experienced Researchers (>10 years experience) 87,500 €/year</p> <p>Include the provisions for all compulsory deductions under national legislation. This amount is then adjusted, applying a correction factor for the cost of living according to the country + Mobility allowance (1000 or 700 €/month)</p>
Other contributions	<p>+ training/KTT 1800€/month/researcher +10% management (salary of a person) +10% overheads</p>