Award for an Early Career Researcher from Iberoamerican Countries with Distinguished Scientific Research in the Fields of CIPOA

Rules for early career researcher (ECR) award: 1) a call for the award will be announced on the CIPOA website; 2) eligibility: PhD holders for 10 or fewer years; except for interruptions of scientific activity due to maternity/paternity leave and/or serious illness; 3) applicants should provide a **full CV**, a **synopsis of the scientific/curricular path** (maximum 3 000 characters; the synopsis of the scientific and curricular path should be written in a narrative form and clearly focused on the last 5 years or 5 working years, if any interruption happened) and **major activities and results** (maximum 2 000 characters; describe your main contributions of the last 5 years using objective indicators and substantive arguments) **as a single PDF file**; 4) interruption in scientific activity (If applicable); when counting the years after having obtained a PhD degree: i) Maternity/paternity: the number of years after obtaining the PhD is reduced in 6 months per child (before or after PhD completion), ii) Serious illness: the period of this interruption has to be longer than ninety days, after PhD completion. All these circumstances shall not result in a cumulative reduction of more than 2 years; 5) ISC members will be responsible for the evaluation of the candidates; 6) ISC members with a previous history of mentoring/supervising or with published works in the last 5 years with candidates for ECR nomination will not participate in the evaluation/rating procedure; 7) the winner will be decided during the ISC meeting and announced during the CIPOA closing ceremony; 8) selection criteria: a) excellence in science (publication track record, citations, and awards); b) area of expertise-background; c) relative scientific evolution in the last 5 years; d) cooperation between Iberoamerican countries; e) gender balance; f) interview (only selected candidates based on the previous criteria); 9) the country of the selected candidate will not be able to propose

a candidate for the next CIPOA meeting; 10) the winner will be invited to deliver a lecture in the following CIPOA (conference fee will be not charged and accommodation during CIPOA meeting will be offered by CIPOA organizers); 11) the evaluation committee is composed by all ISC members without conflict of interest with the candidates (one vote per country);

Rules for the interview to attribute the ECR award: a) selected candidates are invited to deliver a presentation (max: 15 minutes; max: 15 slides) of an innovative new research project on the perspectives of CIPOA; b) the presentation will be exclusively on-site on the first day of the CIPOA conference; c) the presentation given by each candidate will be evaluated by ISC members (those without conflict of interests) according to the criteria presented below; d) all ISC members participating in the interview will sign a confidentiality agreement regarding any information on the projects to be presented by the ECR candidates.

Criteria for the evaluation of the interview given by the selected ECR candidates for the ECR Award:

A. Excellence of the research project

- Long-term vision: How convincing is the vision of a radically new technology towards which the project would contribute in the long term?
- Science-towards-technology breakthrough: How concrete, novel and ambitious is the proposed science-towards-technology breakthrough with respect to the state-of-the-art? What advancement does it provide towards realising the envisioned technology?
- Objectives: How concrete and plausible are the proposed objectives to reach the envisaged proof of principle? To what extent is the high-risk/high-gain research approach appropriate for achieving them? How sound is the proposed methodology, including the underlying concepts, models, assumptions, alternative directions and options, appropriate consideration of

the gender dimension in research content, and the quality of open science practices?

- Interdisciplinarity: How relevant is the interdisciplinary approach from traditionally distant disciplines for achieving the proposed breakthrough?

B. Impact of the research project

- Long-term impact: How significant are the potential transformative positive effects that the envisioned new technology would have to our economy, environment and society?
- Innovation potential: To what extent does the envisioned new technology have potential for generating disruptive innovations in the future and for creating new markets? How adequate are the proposed measures for protection of results and any other exploitation measures to facilitate future translation of research results into innovations? How suitable are the proposed measures for involving and empowering key actors that have the potential to take the lead in translating research into innovations in the future?