

APPLICATION FORM

Application form for participation in the call for the recruitment of **16 Early Stage Researcher Fellowships (ESR) - 3 year PhD positions (POLY STORAGE ETN)**

Date of application:

INFORMATION ON THE REQUESTED POSITION

Position reference(s) (up to 3) (ESRx)

Host Institution(s)

If you apply for more than one position, please indicate the preferred order by numbering the ESR descriptions below (1 to 3, with 1 indicating the preferred choice).

ESR1 – Micelles of redox-active amphiphilic diblock copolymers for water-based pRFBs.
Host: Friedrich Schiller University Jena (Germany)

ESR2 – Solid polymer electrolytes for hybrid organic polymer batteries.
Host: Friedrich Schiller University Jena (Germany)

ESR3 – Synthesis of naturally inspired redox polymers.
Host: University of the Basque Country (Spain)

ESR4 – Development of hybrid organic batteries with SPEs and redox polymer electrodes.
Host: Karlsruhe Institute of Technology (Germany)

ESR5 – Polymer coatings of ceramic electrolytes and fabrication of all-solid-state post-LIBs.
Host: Uppsala University (Sweden)

ESR6 – Synthesis of ABC-type block copolymers for increased mechanical stability and ionic mobility.
Host: Uppsala University (Sweden)

ESR7 – Development of redox-active block copolymers featuring good electrical and ionic conductivities as new materials for organic radical cathodes.
Host: Université catholique de Louvain (Belgium)

ESR8 – Development of advanced all-solid-state polymer electrolytes using innovative rapid and solvent-free procedures.
Host: Politecnico di Torino (Italy)

ESR9 – Development of redox-active colloids/suspensions for semi-solid RFBs.
Host: University of the Basque Country (Spain, 18 months) / IMDEA Energy (Spain, 18 months)

ESR10 – Development of conjugated porous polymers with enhanced electrochemical properties.
Host: IMDEA Energy (Spain)

ESR11 – Polymer-electrolyte optimisation and feasibility study on the industrialisation of the production process.

Host: LITHOPS SRL (Italy)

ESR12 – Control of the hierarchical self-assembly of ion-containing block-copolymer blends and exploration of the morphology-electrochemical-properties correlation.

Host: University of Pau (France)

ESR13 – High-resolution morphological characterisation and 3D imaging of self-assembly polymer electrolytes and copolymer micellisation.

Host: Aalto University (Finland)

ESR14 – Hybrid organic polymers for post-LIBs.

Host: National Institute of Chemistry (Slovenia)

ESR15 – Polymer-based redox flow battery system and characterization.

Host: Energy Storage Solutions (Spain)

ESR17 – Ionic-liquid polymer electrolytes for Na-air batteries.

Host: Deakin University (Australia)

PERSONAL INFORMATION

First name*

Surname prefix

Last name*

Date of birth

Gender*

(for statistical purpose)

Nationality*

(for statistical purpose)

CONTACT INFORMATION

Address*

Zip code*

City*

Country*

Phone number

Email address*

* required information

ATTACHED DOCUMENTATION

Present all documents into one **single** PDF file.

Only applications that include all required documentation indicated in this section, submitted electronically, and within the deadline specified in the individual vacancies will be taken into consideration.

- This application form
- Motivation letter
- Curriculum vitae of at most 3 pages. Europass CV format preferred (<https://europass.cedefop.europa.eu/documents/curriculum-vitae>)
- Transcripts and certifications from university:
 - Bachelor degree, including class ranking if possible.
 - Master degree, including class ranking if possible.
- Names of at least two references who are willing to write a letter of recommendation on the candidate's behalf (they may be contacted by us)
- Any other relevant documents

By submitting this application by electronic means, the applicant authorises the members of POLYSTORAGE consortium to store and share this information for the purpose of the recruiting process.