



# CALL FOR SENIOR RESEARCHER FOR SCATTERING-SNOM AT ENSEMBLE<sup>3</sup>

Centre of Excellence for nanophotonics, advanced materials and novel crystal growth-based technologies

ENSEMBLE<sup>3</sup> is a new Centre of Excellence for nanophotonics, advanced materials, and novel crystal growth-based technologies located in Warsaw, Poland, created jointly by institutions from Poland, Germany, Italy, and Spain. The centre will work on the development of novel material technologies and advanced materials with unique electromagnetic properties, with potential applications in fields such as photonics, optoelectronics, telecommunication, solar energy conversion, medicine, and aerospace.

Applications are welcome from excellent scientists to join the Centre of Excellence to help the Centre to be at the forefront of scientific world along with their own career development. The candidate will be responsible for characterization of the optical/electromagnetic properties of the materials developed in the other groups at the micron and nanoscales. It will verify novel design concepts for materials, structures and devices in regard to their material properties and function as optical devices – in cooperation with the research groups present at the Centre. The candidate will use novel advanced techniques of materials characterization including systems working beyond the light diffraction limit. **Proven extensive experience in scattering Scanning Nearfield Optical Microscopy (sSNOM) is a must.** The optimal candidate will be scientist specialized in characterization of electromagnetic phenomena and their mechanisms including both macroscopic properties as well as the ones at the nanoscale.

<b>Job type:</b>	Full-time employment.
<b>Numbers of job offers:</b>	1
<b>Remuneration/amount/year:</b>	Annual gross salary max. 228 000 PLN (~ 51 000 EUR) to min. 143 000 PLN (~32 000 EUR) depending on experience and expertise.
<b>Position start:</b>	Available from August/September 2021 (Negotiable).
<b>Period of contract agreement:</b>	Initial appointment till December 2023. Extension to longer/permanent position on mutual agreement.**

#### **Key responsibilities include:**

- Organizing and carrying out research efforts that will place the centre at the forefront of scientific developments worldwide;
- Collaborating with other groups in the centre;
- Disseminating results to the public and scientific communities;
- Applying for funding;
- Seeking industrial collaborations.

#### **We offer:**

- Full-time employment;
- Opportunity to work in an innovative scientific environment;
- International cooperation with experienced researchers;
- Administrative support for recruiting, visa and related documentation;
- Access to well-staffed core facilities.

#### **Required application documents:**

Curriculum vitae; Proof of PhD; Research record with a full list of publications; Cover letter specifying how you meet the search criteria and can contribute to the operation of the Centre; Names and contact details of three senior researchers who may act as referees. A short description of a research plan that fits the research agenda of the Centre.

**To Apply:** Please visit: <http://ensemble3.eu/careers>

Or,

**APPLY HERE**

**Application deadline: 31<sup>st</sup> August 2021** (recruitment remains open until a suitable candidate is found)

Competitive candidates will be interviewed before the appointments are made.

**For further information, visit:** [www.ensemble3.eu](http://www.ensemble3.eu)

For questions, please contact: [recruitment@ensemble3.eu](mailto:recruitment@ensemble3.eu)

*\*\*We aim for group leaders to jointly develop our centre for a longer time. The Centre is funded through the International Research Agenda of the Foundation for Polish Science, under axis IV of the Smart Growth Operational Programme, Measure 4.3, and the Teaming for Excellence H2020 programme.*

