

Final Report of the Joint Bilateral Agreement CNR/Royal Society of Edinburgh (Scotland)

Biennial Programme 2021-2022

Considering the General Agreement signed in November 2016, the joint call for the bilateral project program launched on December 1, 2020 and a recent exchange of emails between the Royal Society of Edinburgh (Scotland) and CNR, both Parties have jointly decided to fund, within the framework of the future joint program, up to 3 projects granting up to 3.500 Euros/~£3,000 per year for 2 years.

At the deadline fixed by the call, 17 proposals have been submitted to both Parties.

After the evaluation procedures performed independently by both Parties, the assessed projects obtaining the highest scores, have been taken into account.

Despite the large number of good proposals received, the Parties agreed to finance the following proposals included in a final ranking list:

Joint Research Project	Italian Institution	Scottish Institution
Development of thin film composite membranes for the separation of greenhouse gases against climate change	Dr ELISA ESPOSITO Institute on membrane technology (CNR-ITM) c/o Università della Calabria Via Pietro BUCCI, Cubo 17C - 87036 Rende (CS)	Dr MARIA CHIARA FERRARI Institute for Materials and Processes School of Engineering College of Science and Engineering University of Edinburgh

Decay of historic stone masonry due to thermal cycles and salt crystallization: new challenges in a changing environment	Dr GIORGIO SAVERIO SENESI Institute for Plasma Science and Technology (CNR-ISTP) c/o Area della Ricerca di Bari Via Amendola, 122 / D - 70126 Bari	Dr ROBERTO EMANUELE RIZZO Lyell Centre, Heriot-Watt University, Edinburgh
Resolving clashes between net-zero energy and acoustics engineering specifications, to enhance low-carbon building performance, regulatory compliance and future skills	Dr CHIARA SCROSATI Construction technologies Institute (CNR-ITC) c/o Frazione Sesto Ulteriano Via Lombardia, 49 - 20098 San Giuliano Milanese (MI)	Dr SEAN SMITH University of Edinburgh - School of Engineering

for the
National Research Council of Italy

Virginia Coda Nunziante
Head of European and International Relations

for the
Royal Society of Edinburgh



David Nisbet
Research Awards Manager