





1 This network of proposers represents 25 COST Full or Cooperating Members, out of which 52.0 % are COST Inclusiveness Target Countries (ITCs).

### **NETWORK OF PROPOSERS**

On this page you can create and manage your Network of Proposers. The list displays the name of the participant, his/her institutional affiliation, affiliation category, the participation status and options (edit invitation, send invitation and remove participation). Please note that the institutional affiliation category are provided by the participant's e-COST profile (secondary proposers will have to create an eCOST profile if they do not have one). In addition, the participant's email address you will type to send the invitation needs to be registered in the participant's e-COST profile in order to allow him/her to accept the invitation.

Participant Name	Institution	Country of affiliation	ITC status	COST Affiliation Category	Status	Option
Dr Jan Papuga	Czech Technical University in Prague [U12105 Department of Mechanics, Biomechanics and Mechatronics, Faculty of Mechanical Engineering]	Czech Republic	ITC	COST Full Member	✓ Main Proposer (mc)	
Dr Koenraad Freytag	Paul Scherrer Institute [Laboratory for Nuclear Materials]	Switzerland		COST Full Member	Secondary Proposer	
Prof Luis Reis	University of Lisbon - Luis Reis [IDMEC]	Portugal	ITC	COST Full Member	Secondary Proposer	
Prof Aleksander Karolczuk	Politechnika Opolska - Opole University of Technology [Department of Mechanics and Machine Design]	Poland	ITC	COST Full Member	Secondary Proposer	
Prof Michael Vormwald	Technische Universität Darmstadt [Civil and Environmental Engineering Sciences]	Germany		COST Full Member	Secondary Proposer	
Prof Andrea Spagnoli	University of Parma [Department of Engineering and Architecture]	Italy		COST Full Member	Secondary Proposer	
Prof Giovanni Meneghetti	University of Padova [Department of Industrial Engineering]	Italy		COST Full Member	Secondary Proposer	
Prof Denis Benasciutti	Università degli Studi di Ferrara [Department of Engineering]	Italy		COST Full Member	Secondary Proposer	
Prof Rhys Pullin	Cardiff University	United Kingdom		COST Full Member	Secondary Proposer	
Dr Anghel Cernescu	Politehnica University Timisoara [Mechanics and Strength of Materials]	Romania	ITC	COST Full Member	Secondary Proposer	
Dr Miguel Muniz- Calvente	University of Oviedo	Spain		COST Full Member	Secondary Proposer	
Dariusz Skibicki					Invitation sent	
Vladimír Chmelko					Invitation sent	
Zuheir Barsoum					Invitation sent	
Prof Halid Yıldırım	Aarhus University [Engineering]	Denmark		COST Full Member	Secondary Proposer	
Prof Nikolay Tontchev	University of Transport, Sofia, Bulgaria - University of Transport [Materials Science Lab. Modeling and Optimization]	Bulgaria	ITC	COST Full Member	Secondary Proposer	
Marta Kurek					Invitation sent	
Prof Ghazal Moeini	Westfälische Hochschule	Germany		COST Full Member	Secondary Proposer	
Prof Janez Kramberger	University of Maribor [Faculty of mechanical engineering]	Slovenia	ITC	COST Full Member	Secondary Proposer	
Prof Aleksandar Sedmak	Faculty of Mechanical Engineering, University of Belgrade - Faculty of. Mechanical	Serbia	ITC	COST Full Member	Secondary Proposer	

Proposal Reference:

# OC-2021-1-25219

Proposal Status:

Not Eligible

#### Checklist:

- √ General Features
- √ Technical Annex
- ✓ COST Policies
- ✓ Network

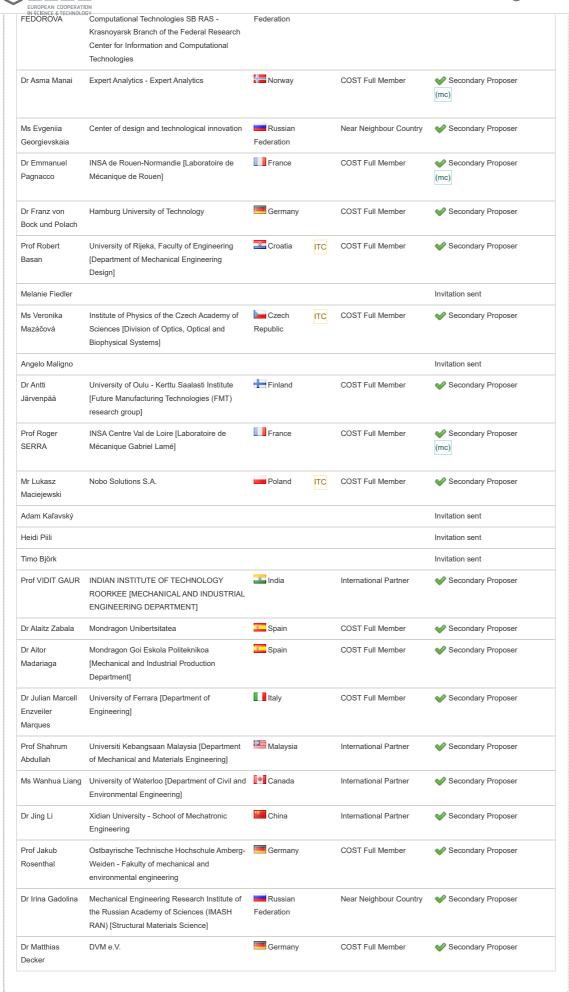


Roland Rennert					Invitation sent
Ms GIULIA MORETTINI	University - University of Perugia [department of engineering ]	Italy		COST Full Member	Secondary Proposer
Dr Jelena Srnec Novak	University of Rijeka [Faculty of Engineering]	Croatia	ITC	COST Full Member	Secondary Proposer
Prof Aleksandar Grbovic	Faculty of Mechanical Engineering, University of Belgrade - Aleksandar Grbovic [Department for Aeronautics]	Serbia	ITC	COST Full Member	Secondary Proposer
Prof Gordana Kastratović	University of Belgrade - University of Belgrade, Faculty of Transport and Traffic Engineering [Faculty of Transport and Traffic Engineering]	Serbia	ITC	COST Full Member	Secondary Proposer
Dr José Correia	University of Porto	Portugal	ITC	COST Full Member	Secondary Proposer
Dr Grzegorz Lesiuk	Wroclaw University of Science and Technology	Poland	ITC	COST Full Member	Secondary Proposer
Dr Sándor Kovács	Bay Zoltán Nonprofit Ltd. for Applied Research - Bay Zoltán Nonprofit Ltd. for Applied Research - Engineering Divison (BAY-ENG) [Department of Structural Integrity and Production Technology]	Hungary	ITC	COST Full Member	Secondary Proposer (mc)
Jidit Dudra					Invitation sent
Dr Maria Nogal	Delft University of Technology [aculty of Civil Engineering and Geosciences]	Netherlands		COST Full Member	Secondary Proposer
Dr Ida Raoult	PSA ID [Direction Scientifique et des Technologies Futures]	France		COST Full Member	Secondary Proposer
Raffaella Sesana					Invitation sent
Dr Caitriona de Paor	Technological University of Dublin [School of Civil and Structural Engineering]	Ireland		COST Full Member	Secondary Proposer
Prof Francesca Maria Cura'	Politecnico di Torino [Mechanical and Aerospace Engineering]	Italy		COST Full Member	Secondary Proposer (mc)
Prof Alexander Hasse	TU Chemnitz	Germany		COST Full Member	Secondary Proposer
Dr Jan Krepela	Wikov MGI a.s Wikov MGI	Czech Republic	ITC	COST Full Member	Secondary Proposer
Dr Mireia Olave	IKERLAN [Applied mechanics]	Spain		COST Full Member	Secondary Proposer
Dr Ann Zammit	University of Malta - Faculty of Engineering [Department of Metallurgy and Materials Engineering]	Malta	ITC	COST Full Member	Secondary Proposer
Prof Reza Talemi	University of Leuven - University of Leuven (KU Leuven) [Department of Materials Engineering ]	Belgium		COST Full Member	Secondary Proposer
Alan O'Connor					Invitation sent
Dr Gintautas Dundulis	Kaunas University of Technology [Faculty of Mechanical Engineering and Design, Department of Mechanical Engineering]	Lithuania	ITC	COST Full Member	Secondary Proposer
Dr Łukasz Pejkowski	University of Science and Technology in Bydgoszcz - Łukasz Pejkowski [Faculty of Mechanical Engineering]	Poland	ITC	COST Full Member	Secondary Proposer
Prof Daniel Kujawski	Western Michigan University [Department of Mechanical and Aerospace Engineering]	United States		International Partner	Secondary Proposer
Ms Jana Smolikova	ZF Engineering Plzeň s.r.o. [Simulation]	Czech Republic	ITC	COST Full Member	Secondary Proposer
Prof David Nowell	Imperial College London [Department of	United		COST Full Member	Secondary Proposer



EUROPEAN COOPERAT IN SCIENCE & TECHNOLO	ION IGY Mechanical Engineering]	Kingdom			(mc)
	Weenanical Engineering				(IIIC)
Mr Sebastiano Rizzo	Tsubaki Nakashima [Quality and Product Development]	Italy		COST Full Member	Secondary Proposer
Prof Guney Guven Yapici	Ozyegin University [Mechanical Engineering Department - MEMFIS Lab]	Türkiye	ITC	COST Full Member	Secondary Proposer
Prof Stéphane BORDAS	University of Luxembourg [Computational Sciences Institute]	Luxembourg	ITC	COST Full Member	Secondary Proposer
Antoaneta Kirova					Invitation sent
John Yates					Invitation sent
Prof Radim Halama	VSB-Technical University of Ostrava - VSB- Technical University of Ostrava, Faculty of Mechanical Engineering [Department of Applied Mechanics]	Czech Republic	ITC	COST Full Member	Secondary Proposer
Dr Paulius Griskevicius	Kaunas university of technology - Paulius Griskevicius [Faculty of Mechanical Engineering and Design / Department of Mechanical Engineering]	Lithuania	ITC	COST Full Member	Secondary Proposer
Prof Carlos Rebelo	University of Coimbra [Civil Engineering]	Portugal	ITC	COST Full Member	Secondary Proposer
Slobodanka Jovasevic					Invitation sent
Ms Rita Dantas	University of Porto [Mechanical Department]	Portugal	ITC	COST Full Member	Secondary Proposer
Željko Božič					Invitation sent
Prof Marko Nagode	University of Ljubljana - Faculty of Mechanical Engineering [Laboratory for Machine Elements]	Slovenia	ITC	COST Full Member	Secondary Proposer
Mileta Janjić					Invitation sent
Dr Olha Zvirko	Karpenko Physico-Mechanical Institute of the National Academy of Sciences of Ukraine [ Department of Diagnostics of Materials Corrosion-Hydrogen Degradation]	Ukraine		Near Neighbour Country	Secondary Proposer
Halyna Krechkovska					Invitation sent
Ufuk Penekli					Invitation sent
Dr Cécile MATTRAND	SIGMA Clermont [Institut Pascal]	France		COST Full Member	Secondary Proposer
Prof Milan Veljkovic	Delft University of Tecnology	Netherlands		COST Full Member	Secondary Proposer
Mohamed El- Amine Ben Seghier					Invitation sent
Prof Alexei Vinogradov	Norwegian University of Science and Technology - Norwegian University of Science and Technology - NTNU [Mechanical and Industrial Engineering]	Norway		COST Full Member	Secondary Proposer
Filippo Berto					Invitation sent
Mr Jiří Stejskal	Evektor, spol. s r.o.	Czech Republic	ITC	COST Full Member	Secondary Proposer
Dr Leila KHALIJ	INSA Rouen Normandie [Laboratoire de Mécanique de Normandie]	France		COST Full Member	Secondary Proposer
Prof Aliaksandr Bahdanovich	Belarusian State University [Department of Theoretical and Applied Mechanics / Laboratory of Applied Mechanics]	Belarus		Near Neighbour Country	Secondary Proposer
Pieter van Gelder					Invitation sent









- Belarusian State University
  - ▶ Prof Aliaksandr Bahdanovich

## Belgium

- University of Leuven University of Leuven (KU Leuven)
  - ▶ Prof Reza Talemi

#### Bulgaria

- University of Transport, Sofia, Bulgaria University of Transport
  - ► Prof Nikolay Tontchev

#### Canada

- University of Waterloo
  - ▶ Ms Wanhua Liang

## China

- Xidian University School of Mechatronic Engineering
  - ▶ Dr Jing Li

## Croatia

- University of Rijeka
  - ▶ Dr Jelena Srnec Novak
- University of Rijeka, Faculty of Engineering
  - ▶ Prof Robert Basan

### Czech Republic

- Czech Technical University in Prague
  - ▶ Dr Jan Papuga
- Wikov MGI a.s. Wikov MGI
  - ▶ Dr Jan Krepela
- ZF Engineering Plzeň s.r.o.
  - ▶ Ms Jana Smolikova
- $\hbox{-} VSB-Technical\ University\ of\ Ostrava\ \hbox{-} VSB-Technical\ University\ of\ Ostrava,} \\ Faculty\ of\ Mechanical\ Engineering\ Mechanical\ Mechanical\$ 
  - ▶ Prof Radim Halama
- Evektor, spol. s r.o.
  - ► Mr Jiří Stejskal
- Institute of Physics of the Czech Academy of Sciences
  - ► Ms Veronika Mazáčová

# Denmark

- Aarhus University
  - ► Prof Halid Yıldırım

# Finland

- University of Oulu Kerttu Saalasti Institute
  - ► Dr Antti Järvenpää

# France

- PSA ID
  - ▶ Dr Ida Raoult
- SIGMA Clermont
  - ► Dr Cécile MATTRAND
- INSA Rouen Normandie
  - ▶ Dr Leila KHALIJ
- INSA de Rouen-Normandie
  - ▶ Dr Emmanuel Pagnacco
- INSA Centre Val de Loire
  - ▶ Prof Roger SERRA

### Germany

- Technische Universität Darmstadt
  - ▶ Prof Michael Vormwald
- Westfälische Hochschule
  - ▶ Prof Ghazal Moeini
- TU Chemnitz
  - ▶ Prof Alexander Hasse
- Hamburg University of Technology

- DVM e.V.
  - ▶ Dr Matthias Decker
- - Bay Zoltán Nonprofit Ltd. for Applied Research Bay Zoltán Nonprofit Ltd. for Applied Research Engineering Divison (BAY-ENG)
    - ▶ Dr Sándor Kovács
- India
  - INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
    - ▶ Prof VIDIT GAUR
- Ireland
  - Technological University of Dublin
    - ▶ Dr Caitriona de Paor
- **Italy** 
  - University of Parma
    - ▶ Prof Andrea Spagnoli
  - University of Padova
    - ▶ Prof Giovanni Meneghetti
  - Università degli Studi di Ferrara
    - ▶ Prof Denis Benasciutti
  - University University of Perugia
    - ► Ms GIULIA MORETTINI
  - Politecnico di Torino
    - ▶ Prof Francesca Maria Cura
  - Tsubaki Nakashima
    - ▶ Mr Sebastiano Rizzo
  - University of Ferrara
    - ▶ Dr Julian Marcell Enzveiler Marques
- Lithuania
  - Kaunas University of Technology
    - ▶ Dr Gintautas Dundulis
  - Kaunas university of technology Paulius Griskevicius
    - ▶ Dr Paulius Griskevicius
- Luxembourg
  - University of Luxembourg
    - ▶ Prof Stéphane BORDAS
- Malaysia
  - Universiti Kebangsaan Malaysia
    - ▶ Prof Shahrum Abdullah
- Malta
  - University of Malta Faculty of Engineering
    - ▶ Dr Ann Zammit
- Netherlands
  - Delft University of Technology
    - ▶ Dr Maria Nogal
  - Delft University of Tecnology
    - ▶ Prof Milan Veljkovic
- Norway
  - Norwegian University of Science and Technology Norwegian University of Science and Technology NTNU
    - ▶ Prof Alexei Vinogradov
  - Expert Analytics
    - ▶ Dr Asma Manai
- Poland
  - Politechnika Opolska Opole University of Technology
    - ▶ Prof Aleksander Karolczuk
  - Wroclaw University of Science and Technology
    - ▶ Dr Grzegorz Lesiuk
  - University of Science and Technology in Bydgoszcz Łukasz Pejkowski
    - ▶ Dr Łukasz Pejkowski
  - Nobo Solutions S.A.



- University of Lisbon Luis Reis
  - ▶ Prof Luis Reis
- University of Porto
  - ▶ Dr José Correia
  - ▶ Ms Rita Dantas
- University of Coimbra
  - ▶ Prof Carlos Rebelo
- Romania
  - Politehnica University Timisoara
    - ▶ Dr Anghel Cernescu
- Russian Federation
  - Federal Research Center for Information and Computational Technologies SB RAS Krasnoyarsk Branch of the Federal Research Center for Information and Computational Technologies
    - ▶ Dr Elena FEDOROVA
  - Center of design and technological innovation
    - ▶ Ms Evgeniia Georgievskaia
  - Mechanical Engineering Research Institute of the Russian Academy of Sciences (IMASH RAN)
    - ▶ Dr Irina Gadolina
- Serbia
  - Faculty of Mechanical Engineering, University of Belgrade Faculty of. Mechanical Engineering, University of Belgrade
    - ► Prof Aleksandar Sedmak
  - Faculty of Mechanical Engineering, University of Belgrade Aleksandar Grbovic
    - ▶ Prof Aleksandar Grbovic
  - University of Belgrade University of Belgrade, Faculty of Transport and Traffic Engineering
    - ▶ Prof Gordana Kastratović
- Slovenia
  - University of Maribor
    - ▶ Prof Janez Kramberger
  - University of Ljubljana Faculty of Mechanical Engineering
    - ► Prof Marko Nagode
- Spain
  - University of Oviedo
    - ▶ Dr Miguel Muniz-Calvente
  - IKERLAN
    - ▶ Dr Mireia Olave
  - Mondragon Unibertsitatea
    - ▶ Dr Alaitz Zabala
  - Mondragon Goi Eskola Politeknikoa
    - ► Dr Aitor Madariaga
- Switzerland
  - Paul Scherrer Institute
    - ▶ Dr Koenraad Freytag
- Türkiye
  - Ozyegin University
    - ▶ Prof Guney Guven Yapici
- Ukraine
  - Karpenko Physico-Mechanical Institute of the National Academy of Sciences of Ukraine
    - ▶ Dr Olha Zvirko
- United Kingdom
  - Cardiff University
    - ▶ Prof Rhys Pullin
  - Imperial College London
    - ► Prof David Nowell
- United States
  - Western Michigan University
    - ▶ Prof Daniel Kujawski



COST Full Member (25): Belgium 🔢 , Bulgaria 🚃 , Croatia 🚾 , Czech Republic 🔙 , Denmark 🚅 , Finland 🚼 , France 🔝 , Fernany , Hungary 🚍 , Ireland 🚺 , Italy 🚺 , Lithuania 🔤 , Luxembourg 🚍 , Malta 📕 , Netherlands 🚍 , Norway 🏣 , Poland 🛶 , Portugal 🗾 , Romania 📘 , Serbia 🅶 , Slovenia 🔤 , Spain 🔽 , Switzerland 🚨 , Türkiye 🔼 , United Kingdom 🊟

COST Cooperating Member (0)

COST Partner Member (0)

Near Neighbour Country (3): Belarus, Russian Federation, Ukraine International Partner (5): Canada, China, India, Malaysia, United States

European RTD Organisation (0)

EU Institutions, Bodies, Offices and Agencies (EC/EU) (0)

International Organisation (0)

### **COST Inclusiveness Target Countries**

52.0 %

### Number of Proposers

72

### Gender Distribution

69.4% Males

30.6% Females

### Average Number of years elapsed since PhD graduation of Proposers with a doctoral degree

This figure takes into account only those Proposers who reported holding a doctoral degree, i.e. 93% of the Proposers

14.9

### Number of Early Career Investigators

This figure takes into account only those Proposers who reported holding a doctoral degree, for whom a maximum of 8 years elapsed between the date of in which their PhD was awarded and the date of submission of this Proposal.

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### Core Expertise of Proposers: Distribution by Sub-Field of Science

The Core Expertise is defined by each Proposer at registration and it is the sub-field of science corresponding to the first research expertise area selected

76.4% Mechanical engineering

12.5% Materials engineering

9.7% Civil engineering

1.4% Other engineering and technologies

### Institutional distribution of Network of Proposers

Based on institutional affiliation deemed as most relevant to the Proposal by each Proposer.

90.5% Higher education, research-performing & associated organisations

7.1% Governmental organisation or agency (national, regional or local)

2.4% Business enterprise (large)

Higher education, research-performing & associated organisations: 38

Governmental organisation or agency (national, regional or local): 3

Business enterprise (large): 1