

**PARTICIPATION REQUEST FOR THE SELECTION OF  
AWARDS FOR THE FLASH TALK COMPETITION AT THE CONFERENCE  
“NEW DATA FOR THE NEW CHALLENGES OF POPULATION AND SOCIETY”  
AS PART OF THE PROJECT OF EXCELLENCE (22-24 SEPTEMBER 2021)**

TO THE DIRECTOR OF  
THE DEPARTMENT OF STATISTICAL SCIENCES  
UNIVERSITY OF PADUA

I, the undersigned... (Surname and Name) ...MORENA TARTARI

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Academic Position: postdoc (MSCA-IF Research Fellow)

**HEREBY REQUEST**

to be admitted to the selection procedure for the awarding of no. 4 research awards for the flash talk competition in the conference “New data for the new challenges of population and society” as part of the project of excellence (22-24 September 2021)

**HEREBY DECLARE that**

See Art.46 and 47 of Presidential Decree DPR no.445/2000


- I will notify any change in the contact details listed in this application form;
- I do not report criminal convictions or ongoing criminal proceedings;
- I am available to participate to the flash talk competition at the conference “New data for the new challenges of population and society” that will be held online in the period 22-24 September 2021.
- I am aware of and I accept all the rules contained in the competition announcement.

I also declare to be informed that, pursuant to and for the purposes of art. 13 of the Legislative Decree 30 June 2003, n. 196, the personal data collected will be processed, even with IT tools, exclusively as part of the procedure for which this declaration is made.

I attach Title and Abstract (maximum of 300 words) of the poster I intend to present, accompanied by surname and name, affiliation and email address of all the authors.

Date, May 7<sup>th</sup>, 2021

Signature



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# New methods to improve the study of family futures

Morena Tartari <sup>(1)</sup>, Simone Di Zio <sup>(2)</sup>

## Abstract:

‘In 2030, mothers in stable relationships will carry 50% of the commitments within their families. There will be a strong need for services that consider the family as a privileged subject and of institutional bodies that protect and assist new family forms.’ This is one of four future scenarios identified by a new methodology on the basis of judgments of a panel of experts involved in our ongoing research project on the future of the families in the northeast of Italy.

Exploring the future is one of the most intriguing activities in research to study the complex problems of our contemporaneity and to develop proposals for today's decisions. Among these problems, family issues appear to be a priority. Our research is based on the strategic foresight, which is considered one of the best approaches to supporting the collaborative transformation of policymaking. Involving the knowledge of experts, our method allows identifying characteristics of emergent problems and strategies to address these problems through appropriate policy.

We adopt a step-by-step procedure that combines Delphi-based scenarios and multivariate statistics. After three Delphi rounds, we apply a robust ranking method to acquire a ranking of the Delphi projections in accordance with two variables (evolution and relevance) evaluated by the experts. We then apply the fuzzy clustering technique to group the projections and obtain the bases for the development of the scenarios.

Our method is considered a valid and robust technique for small datasets that solves the problems of the measurement of the expertise and the misuse of the Euclidean distance on qualitative data. As classical approaches to data are no longer effective for studying contemporary complexity, our alternative approach aims to integrate objective and subjective data in a manner that goes beyond the classical qualitative-quantitative dichotomy. Finally, this method opens new pathways for interdisciplinary studies.

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