

**Horizon 2020**  
**Marie Skłodowska Curie Actions**  
**PROFILE FORM – Expression of Interest**

<b>Organization Name / Department</b>	Center for Theoretical Economics and Applied Mathematics (CIETyMA) - School of Economics and Business (EEyN) - University of San Martín (UNSAM)	<b>Organization Short Name</b>	CIETyMA
<b>Organization Type</b>	University Public Research Centre Large Scale Enterprise Small and Medium Scale Enterprise	Public Body International NGO National NGO	
<b>Research Fields</b>	Chemistry <b>CHE</b> Social and Human Sciences <b>SOC</b> Economic Sciences <b>ECO</b> Information Science and Engineering <b>ENG</b> Environment and Geosciences <b>ENV</b> Life Sciences <b>LIF</b> Mathematics <b>MAT</b> Physics <b>PHY</b>	<b><u>Sub-Fields / Keywords:</u></b> , Game theory, General Equilibrium Theory, Dynamic Optimization, Agent Based Models, Mathematical Economics.	
<b>Short Description of the Organization / Department</b>	<p>The University of San Martín is a leading university that welcomes international collaboration in order to promote innovation projects. Strategically located in the metropolitan area of Buenos Aires, the University Campus offers an exclusive environment which includes laboratories with the latest equipment for research in technological development. The University's infrastructure and facilities, partnership policies and highly-qualified faculty and staff all enable the consolidation of the productive capacity in its scope of influence, and the transfer of knowledge.</p> <p>The Center for Theoretical Economics and Applied Mathematics (CIETyMA) at UNSAM is a center devoted to promote high-quality collaborative research in areas of mathematical economics and applied mathematics. It has permanent researchers as well as short-term visitors. Every year the members of CIETyMA participate in several national and international conferences, seminars, congresses and workshops</p>		
<b>Previous Related Projects / Research Experience</b>	<p>We have participated in several projects with researchers from Spain, France Chile and Argentina. Among others we cite a project on General Equilibrium Theory with Market Failures in Banach Spaces jointly with a researcher from Université Paris 1-Pantheón-Sorbonne (France), a project on The Existence of Equilibria with Production and Uncertainty with a researcher from University of Vigo (Spain), a project on Macroeconomic Policies with Agent Based Models with researchers from Autonomous University of Madrid (Spain), a project on Stochastic Dynamic Optimization Models of Growth with a researcher from Universidad Carlos III (Spain), a project on Essential Stability in Large Games with a researcher from Universidad Adolfo Ibañez (Chile) and Université Paris 1-Pantheón-Sorbonne and a project on Matching Models with infinites with a researcher from Universidad Nacional del Sur (Argentina), among others.</p>		

<b>Short Description of the Project idea (if foreseeable)</b>	CIETyMA aims to be a center devoted to support high-quality collaborative research carried out by participants from Argentinean and worldwide institutions. It is planned to host a few permanent research groups along with an important number of short-term visitors, postdocs and senior researchers in sabbatical stays. CIETyMA supports activities where it has strong research experience, namely, mathematical economics (mainly game theory and general equilibrium theory in infinite dimensional spaces), dynamic optimization applied to both economics and finance and agent based models.
<b>Related Call</b>	IF-Global; RISE; ITN
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