



Forecasting for Social Good

Annual Workshop 2022

10 July 2022

Oxford, England

Forecasting is a powerful tool whose usefulness has been acknowledged and benefited by academia, industry, governmental and non-governmental organizations for a long time. However, understanding and incorporating the resulting societal impacts is still an arduous challenge for all of the involved parties. Therefore, the goal of the Forecasting for Social Good workshops is to serve as bridging between research and practice in order to overcome this challenge with an international and interdisciplinary focus. To do so, the third of the annual workshops on forecasting for social good was held on July 10, 2022 as a hybrid workshop within the 42nd International Symposium on Forecasting. This workshop was preferred to be held hybrid in order to increase accessibility during the burdensome pandemic conditions and reach a broader audience which is also in accordance with the Democratizing Forecasting initiative of the Forecasting for Social Good section.

The workshop was organized by the committee consisting of Bahman Rostami-Tabar (from Cardiff University), Michael Porter (from University of Virginia), Buket Cilali (from University of Oklahoma), and Aziz Ezzat (from Rutgers University) for the Forecasting for Social Good section of the International Institute of Forecasters. And it was sponsored by the International Institute of Forecasters.

The workshop took place with the participation of approximately 80 in-person (via 42nd ISF registration) and online attendees (via Zoom sessions) from all over the world.

A wide range of topics regarding forecasting for social good is covered with the 4 featured talks and 10 session talks during the workshop. These topics include humanitarian applications such as creating social good, healthcare implementations, human displacement, and mobility.

The detailed program can be found in the [workshop website](#) and the recordings of the presentations can be found on the [F4SG YouTube playlist](#).

<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>F4SG ACTIVITIES & INFORMATION FROM THE ORGANISERS</p> <p>BAHMAN BOZTAĞI-TABAT Senior Lecturer Faculty of Information Science & Analytics at the University of Bath</p>	<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>CREATING SOCIAL GOOD FOR FORECASTERS</p> <p>Rub Hyndman Professor of Statistics</p>	<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>DEMOCRATIZING FORECASTING LEARNING</p> <p>Yael Grunika-Cockayne Professor of Operations Management University of Virginia</p>
<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>ADAPTING HEALTH PROGRAM FORECASTING METHODOLOGIES TO OUR NEW REALITY WITH COVID-19 VACCINES</p> <p>LALA AKOGLAR Senior Lecturer in Health Economics</p>	<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>IMMUNIZATION VISIBILITY AND ANALYTICS NETWORK (VAN) EFFORTS: REVIEW OF PROGRESS TOWARDS A GLOBAL COLLABORATIVE DEMAND PLANNING INITIATIVE</p> <p>WENDY PROSSER Senior Lecturer in Health Economics Imperial College</p>	<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>HIERARCHICAL FORECASTING OF VACCINE SUPPLY CHAINS</p> <p>BAHMAN BOZTAĞI-TABAT Senior Lecturer Faculty of Information Science & Analytics at the University of Bath</p>
<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>METHODOLOGY AND CHALLENGES WITH USING HISTORICAL ORDER AND SHIPMENT DATA FOR DEVELOPING NEAR TERM (18 MONTHS) FORECASTS FOR MANUFACTURERS AND SUPPLIERS</p> <p>LALA AKOGLAR Senior Lecturer in Health Economics</p>	<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>DEMAND FORECASTING APPROACHES FOR NEW CONTRACEPTIVE TECHNOLOGIES: A LANDSCAPE REVIEW AND RECOMMENDATIONS FOR ALIGNMENT</p> <p>ELIZABETH LACROIX Technical Advisor Population Services International</p>	<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>PROGNOSIS-BASED MEDICINE: MERITS AND PITFALLS OF FORECASTING PATIENT HEALTH</p> <p>HAARTEM VAN DERHEIJ Assistant Professor Medical Decision and Health Economics University Medical Center Utrecht</p>
<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>FORECASTING GLOBAL DISPLACEMENT: EVIDENCE FROM A HURDLE MODEL</p> <p>LUKE MARTIN SHIMAK Senior Lecturer in Health Economics University of Virginia</p>	<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>ASK THE EXPERTS? A DELPHI SURVEY OF IMMIGRATION TO THE EUROPEAN UNION IN 2030</p> <p>EDUARDO ACOSTA-TAMARADO Visiting Analyst of the United Nations High Level Panel of Experts (UNHLPE) at the Department of Economics for Migration (DME)</p>	<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>PREDICTING MIGRATION FLOWS WITH DIGITAL TRACE DATA</p> <p>ANDRE GEORGE Assistant Professor of Economics (International Development and Health) and Director of Center for Global Health and Mobility (CGHM)</p>
<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>NEGLECTED MIGRATION CRISIS - CLIMATE CHANGE AND PEOPLE ON THE MOVE</p> <p>JANA BEROVA Assistant Professor Prague University of Economics and Business</p>	<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>FORECASTING MIGRATION FROM UKRAINE USING ORGANIC DATA: STRENGTHS AND LIMITATIONS</p> <p>LISA SMITH Professor at the Center for Global Health and Mobility University of Virginia</p>	<p>42ND ISF OXFORD ENGLAND HYBRID</p> <p>Phase 2022 Forecasting for Social Good Workshop</p> <p>PREDICTIVE ANALYTICS AT UNHCR</p> <p>REBECA MORENO JIMENEZ Chief of Mission Office UNHCR</p>