

## THE CARIBBEAN ACADEMY OF SCIENCES (CAS) REGIONAL EXECUTIVE 2024 GUEST WEBINAR SERIES

(Section 2014, 2024, 1:00 PM America/Port\_of\_Spain.)

### **⊘Webinar Registration Link:**

https://docs.google.com/forms/d/e/IFAIpQLSdPVyD\_dFIHdmpDrAWCvBB4Ar85EumkBFvxpw8MZmkKmTjE\_g/viewform?usp=sharing

### **⊘**Zoom Credentials:

https://sta-uwi-edu.zoom.us/j/93785892089? pwd=O90qmJtRRdALBfknlwjJhTPV2KmxMG.1

**⊘Meeting ID:** 937 8589 2089

**⊘** Passcode: 341578

#### **PROGRAMME**

1:00 - 1:15 pm - Opening Remarks

Dr. Roshnie A. Doon (Secretary, CAS Regional Executive)

### 1:16 - 1:45 am - Guest Presentation:

Stop Worrying and Love the Robot: An Activity-Based Approach to Assess the Impact of Robotization on Employment Dynamics.

Mauro Caselli (a,b), Andrea Fracasso (a,b), Sergio Scicchitano (c), Silvio Traverso

- (d). Enrico Tundis (e).
- (a) School of International Studies, University of Trento (Italy)
- (b) Dept. of Economics and Management, University of Trento (Italy)
- (c) Inapp, John Cabot University, Rome (Italy); Global Labor Organization (Germany)
- (d) Dept. of Sociology and Social Research, University of Trento (Italy)
- (e) Ispat, Trento (Italy)

### 1:46 - 2:15 pm - Discussion / Question & Answer

2:16 - 2:30 pm - Closing Remarks



# THE CARIBBEAN ACADEMY OF SCIENCES (CAS) REGIONAL EXECUTIVE

**Guest Webinar Series** 

Stop Worrying and Love the Robot:

An Activity-Based Approach to Assess the Impact of Robotization on Employment Dynamics.



CAS GUEST WEBINAR SERIES-PROF. SERGIO SCICCHITANO.

**DAY/TIME: NOVEMBER 29, 2024, 1:00 PM** 

HTTPS://STA-UWI-EDU.ZOOM.US/J/99007121279? PWD=EI9KBG9TVW1EDFPOS0PYSW DYT0ZQQT09





Presenter: Sergio Scicchitano

Inapp, John Cabot University, Rome (Italy); Global Labor Organization (Germany)

### STOP WORRYING AND LOVE THE ROBOT: AN ACTIVITY-BASED APPROACH TO ASSESS THE IMPACT OF ROBOTIZATION ON EMPLOYMENT DYNAMICS.

MAURO CASELLI (A,B), ANDREA FRACASSO (A,B), SERGIO SCICCHITANO (C), SILVIO TRAVERSO (D), AND ENRICO TUNDIS (E)

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### **Abstract**

This work investigates the impact that the change in the exposure to robots had on the Italian local employment dynamics over the period 2011-2018. A novel empirical strategy focusing on a match between occupations' activities and robots' applications at a high level of disaggregation makes it possible to assess the impact of robotization on the shares of workers employed as robot operators and in occupations deemed exposed to robots. In a framework consistently centered on workers' and robots' activities, rather than on their industries of employment, the analysis reveals for the first time the reinstatement effects among robot operators and heterogeneous results among exposed occupations.

**Keywords:** Robots, Employment, Activities, Tasks, Robot applications. **JEL Classifications:** J21; J23; J24; O33.

### **Biography**

### **Prof. Sergio Scicchitano**

Sergio Scicchitano is an Associate Professor at John Cabot University in Rome and Chair of the Department of Economics. Applied Economist at National Institute for Public Policies Analysis (INAPP), Rome, Italy. He is also the Leader of the "Coronavirus" thematic research group and the "Italy" country research group at the Global Labor Organization (GLO) and Section Editor for "Covid-19" in the 2022 Handbook of Labor, Human Resources and Population Economics. He is the Chair of the Program Committee for the GLO 2024 Conference in Berlin. He was a Visiting Lecturer at the Queen Mary University of London and an Adjunct Professor of Economics at the Sapienza University of Rome. He earned his PhD in Economics at the Sapienza University of Rome. He has published several scientific papers, both theoretical and empirical, in leading international peer-reviewed journals like: Applied Economics (2), Acta Oeconomica, Applied Economics Letters (2), British Journal of Industrial Relations (2), Economia Politica, Economic Modelling, Economics Bulletin (4), Empirica, Eurasian Business Review, Feminist Economics, European Research Studies Journal, International Journal of Manpower, Italian Economic Journal, Journal of Population Economics (2), Resource Policy, Structural Change and Economics Dynamics, Telecommunications Policy, Work Employment and Society.

