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European
Centre for Advanced
Studies

Lower Saxony – Scotland Joint Forum 2020

24 November 2020

Session III – 3:30 pm CET Towards an Ideal Circular Economy

Workshop Organizers

Priyanka Sharma, *Clausthal University of Technology, Germany*

Benjamin Leiding, *Clausthal University of Technology, Germany*

Sebastian Lawrenz, *Clausthal University of Technology, Germany*

Martin Danner, *AWS-Intitut für digitale Produkte und Prozesse gGmbH, Germany*

Description

Digital technologies and connected objects have the potential to reduce resource use and facilitate circular systems and circular business models. The goal of this workshop is to discuss not only the barriers hindering the shift towards a circular economy but also drivers and enablers in order to overcome these barriers. More specifically how digital transformation can be shaped to ensure that it supports transitions towards more sustainable societies?

Programme

(The times of the programme items are indicated in CET.)

3:30 pm Welcoming Addresses

Priyanka Sharma, *Clausthal University of Technology, Germany*

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Part I – Presentations

3:40 pm Blockchain and the Circular Economy

Benjamin Leiding, *Clausthal University of Technology, Germany*

4:00 pm Prescriptive Quality

Martin Danner, *AWS-Institut für digitale Produkte und Prozesse gGmbH, Germany*

4:15 pm Recycling 4.0 Digitalization as a Key for the Advanced Circular Economy

Sebastian Lawrenz, *Clausthal University of Technology, Germany*

4:30 pm 5 Minutes Break

Part II – Open Discussion and Brainstorming Session

4:35 pm Opening Address

4:40 pm Participants Introduction

4:50 pm Session I

5:10 pm Results presentation

5:20 pm 10 mins break

5:30 pm Session II

6:00 pm Results Presentation

6:30 pm Closing and Next steps

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