

JOINT SYMPOSIUM, JUNE 24-25, 2024

## TOWARDS CIRCULARITY 2024

XPLANATORIUM HERRENHAUSEN, HANOVER, GERMANY

(Primary) Raw materials are becoming increasingly scarce. Their extraction and processing place an excessive burden on the earth through poor waste valorization, greenhouse gas emissions, biodiversity loss, and exorbitant water consumption. Creating a more circular economy is the foundation for countering these issues and the status quo make our society unsustainable. Recycled and biogenic materials, prolonged product lifespans, valorizing and repurposing are key. The teams gathered here are taking concrete steps to solve these issues.

This joint symposium brings together grantees from two funding programs:

- 'Circularity with recycled and biogenic resources' by the Volkswagen Foundation, and
- 'Circular Biomanufacturing' Challenge by the SPRIN-D federal agency.

This meeting is open for project leaders and their co-workers. There is no fee for attendance, but registration is essential. Please visit the conference website for [more information](#).

## DRAFT PROGRAM

MONDAY, JUNE 24, 2024

09:30 A.M. REGISTRATION

10:15 A.M. SCIENTIFIC SPEED-DATING

11:00 A.M. WELCOME

ADELHEID WESSLER/ULRIKE BISCHLER  
VOLKSWAGENSTIFTUNG, HANNOVER

### KEYNOTES

#### **Bio-manufacturing**

HENDRIK WAEGEMANN  
BIO BASE EUROPE, GHENT

#### **Critical Raw Materials**

BRITTA BOOKHAGEN  
DEUTSCHE ROHSTOFFAGENTUR IN DER BGR, BERLIN

1:00 P.M. LUNCH

2:00 P.M. SESSION 1 : BIO-POLYMERS

#### **CIRCON**

SONJA HERRES-PAWLIS ET AL.  
RWTH AACHEN

# PROGRAM

## **Every Carbon**

JOHANNES GESCHER ET AL.  
TU HAMBURG-HARBURG

## **SymbioLoop**

MANUEL HÄUßLER  
MPI COLLOIDS AND INTERFACES, GOLM

## **Cyanophycin**

BASTIAN MOLITOR ET AL.  
UNIVERSITY OF TÜBINGEN

## **Quantum Leap**

TILL TISO ET AL.  
RWTH AACHEN

**3:30 P.M.** NETWORKING IN GARDEN & LOBBY

**4:30 P.M.** SESSION 2 : PROCESSES

## **ReFoam**

PETER QUICKER ET AL.  
RWTH AACHEN

## **REMOTIVE**

HANS-JOSEF ENDRES  
UNIVERSITY OF HANNOVER

## **Short Circuits**

FABIAN DIAZ ET AL.  
RWTH AACHEN

**5:30 P.M.** OPEN SPACE & BREAKOUT GROUPS

**Workshops proposed by Participants or Interest Groups**  
SELF-ORGANIZED

## **Ask me anything!**

PATRICK ROSE, TOBIAS DÖLLE, SPRIN-D

## **Impact Workshop**

ULRIKE BISCHLER, VOLKSWAGENSTIFTUNG

**7:00 P.M.** DINNER

# PROGRAM

TUESDAY, JUNE 25, 2024

9:00 A.M. TALK

**Charting Optimism: Steering Sci-Fi Futures from Existential Angst to Hope**

ALLISON DUETTMANN

FORESIGHT INSTITUTE, SAN FRANCISCO

9:45 A.M. SESSION 3 : INSPIRED BY NATURE

**Seed Coats**

MICHAELA EDER ET AL.

MPI COLLOIDS AND INTERFACES, GOLM

**MycelCycle**

MICHAEL FREITAG ET AL.

BIBA BREMEN

**Lignocellulose valorization**

KASHIF UR REHMAN

DIL QUAKENBRÜCK

10:45 A.M. COFFEE & NETWORKING

11:45 P.M. SESSION 4 : STRUCTURE MATERIALS

**Bioasphalt**

JOHANNES BÜCHNER

MICHAEL WISTUBA

TU BRAUNSCHWEIG

**Bio-Organic and Oxide Engineering**

WOLFRAM SCHMIDT ET AL.

BAM BERLIN

**Bio-Cementation**

ANDREA KUSTERMANN ET AL.

UNIV. APPLIED SCIENCES MÜNCHEN

**ReGluWood**

BERND WETZEL ET AL.

LEIBNIZ IVW, KAISERSLAUTERN

# PROGRAM

1:00 P.M. LUNCH

2:00 P.M. TALK

**IP Transfer Strategy**

LUKAS PORZ

ILLUTHERM & TU DARMSTADT

2:45 P.M. SESSION 5 : BIO-PLATFORMS

**Acrylics**

NIGEL SCRUTTON ET AL.

C3 BIOTECHNOLOGIES

**Bio Treasure**

JENS KLEIN ET AL.

INSEMPRA GMBH

**CircuMat-3D**

MAHMOUD MASRI ET AL.

GST

**Materi-8**

PATRICIA PARLEVLIE ET AL.

GREEN PEARL INNOVATION

**SURFACycle**

WIM SOETART ET AL.

AMPHISTAR

4:15 P.M. FAREWELL & DEPARTURE

## ORGANIZERS



VolkswagenStiftung

# SPRIN-D

FEDERAL AGENCY  
FOR DISRUPTIVE INNOVATION

**X**planatorium  
HERRENHAUSEN

# PROGRAM