

CLUSTER CONFERENCE 2023

Circularity – next manufacturing challenges

Södertälje Science Park | May 9-10



Organised by:



VOLVO



PRODUKTION2030

SuPr



Fordonsstrategisk
Forskning och
Innovation



Welcome to the conference

Conference moderators



Lena
Moestam

Senior Industry Researcher,
Volvo Group Trucks Operations



Mahesh
Gopalakrishnan

Research Manager,
Scania CV AB

A meeting place for sustainable production

- Started 2006 by vehicle industry companies and Automotive Suppliers Group
- Identify common research & development challenges
- Strengthen the manufacturing research & development system in Sweden
- Open for all companies with production in Sweden



8 Clusters - chaired by the industry, coordinated by RISE

CLUSTER: FORMING & JOINING



Johan
Berglund
RISE



Stephanie
Robertson
Volvo Cars

CLUSTER: COMPONENT MANUFACTURING



Eva
Troell
RISE



Goran
Ljustina
Aurobay

CLUSTER: DIGITAL MANUFACTURING



Per Gullander /
Magnus Widfeldt
RISE



Alf
Andersson
Volvo Cars

CLUSTER: LOGISTICS



Martin
Kurdve
RISE



Lena
Palm
Volvo Group

CLUSTER: PRODUCTION MANAGEMENT



Ulrika
Harlin
RISE



Lena
Moestam
Volvo GTO

CLUSTER: SURFACE TREATMENT & PAINT



Charlotte Ireholm /
Jan Skogsmo
RISE



Simon
Palm
Volvo Cars

CLUSTER: GEOMETRY & QUALITY



Helena
Björk
RISE



Markus
Zwörner
Väderstad

CLUSTER: ASSEMBLY



Sandra
Mattson
RISE



Robert
Wester
Volvo Group



Our mission is to strengthen the competitiveness of all manufacturing companies in Sweden

The role of the clusters is to:

- **Forecast** new trends, competences and technology of importance for sustainable production
- **Research** within advanced manufacturing
- **Communicate** results from finished and ongoing projects



Practical information

- Coffee and tea will be served in the networking area near the entrance
- The dinner tonight will be served at 19.00 at Ad Astra by Elite
- The conference will be documented, and you will be notified when the presentations are available on the website (appr. 2 weeks after the conference)
- Please remember to fill out the conference evaluation form
- WiFi: science park guest



#prodswe

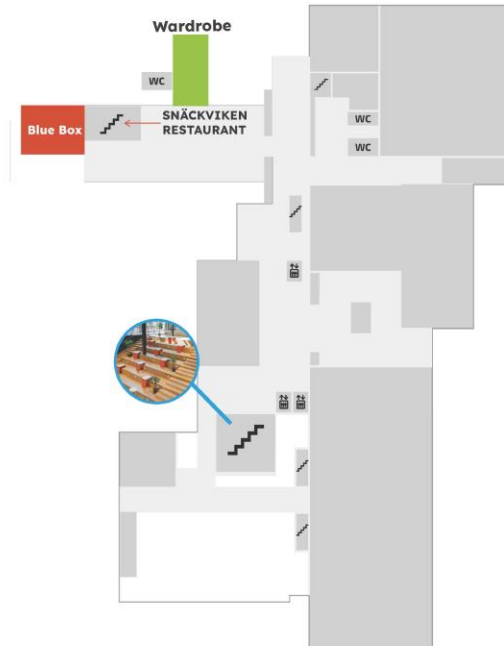




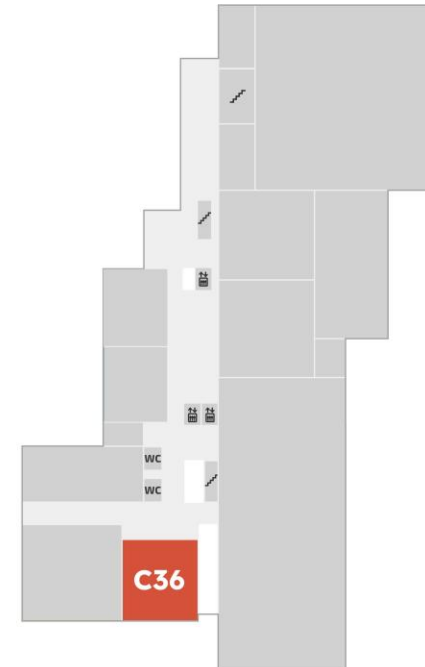
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2nd FLOOR



3rd FLOOR



Programme on May 9

09.00	Registration and coffee	15:50	Panel Discussion: "Next steps within manufacturing"
09.45	Conference opening		Moderator: Jenny Bramell, Chairman of the Board , IUC
10.00	Keynote: "How we solve the plastic recycling paradox"		Strategy Board for the Manufacturing R&D Clusters:
	Mattias Philipsson, CEO, Swedish Plastic Recycling		Staffan Vidén, Volvo Group, Hans Egestål, Volvo Cars, Lars-
10.30	Break and moving to the sessions		Henrik Jörnving, Scania CV AB, and Peter Bryntesson, FKG
11.00	Parallel Sessions		Summary and closing of day one
12.30	Lunch Break	17.00	Dinner
13.30	Parallel Sessions	19.00	
15.00	Break and moving to the plenary hall		
15:30	Keynote: "Circular Economy driven transformation in manufacturing: opportunities and challenges!"		
	Amir Rashid, Professor in Manufacturing, KTH		



Parallel Cluster Sessions: 11.00-12.30

PRODUCTION MANAGEMENT IN ROOM BLACK BOX

"Strategies and
approaches towards
circularity."

SESSION LEADERS:

Lena Moestam,
Volvo GTO
and
Ulrika Harlin,
RISE

COMPONENT MANUFACTURING IN ROOM BLUE BOX

"Sustainable and
effective manufacturing
of components."

SESSION LEADER:

Goran Justina,
Aurobay

GEOMETRY & QUALITY IN ROOM C36

"Efficient tolerance
settings enable circular
production from surface
texture to aircraft"

SESSION LEADERS:

Markus Zwörner,
Väderstad
and
Helena Björk,
RISE

VISIT SMART FACTORY AT SCANIA CV AB

We gather in the
entrance hall. The bus
departs at 10.45

Parallel Cluster Sessions: 13.30-15.00

DIGITAL MANUFACTURING IN ROOM BLACK BOX

"Digitalization tools,
3D Printing, Logistics
and Coating."

SESSION LEADERS:

Alf Andersson,
Volvo Cars
and
Magnus Widfeldt,
RISE

COMPONENT MANUFACTURING IN ROOM BLUE BOX

"Quality and business in
component
manufacturing."

SESSION LEADER:

Eva Troell,
RISE

FORMING & JOINING IN ROOM IN ROOM C36

"Meeting future
challenges in forming
and joining."

SESSION LEADERS:

Johan Berglund,
RISE
and
Joakim Hedegård,
SWERIM

VISIT ENGINE ASSEMBLY PLANT AT SCANIA CV AB

We gather in the
entrance hall. The bus
departs at 13.15

Unicef – a gift to children's education

Instead of gifts to the speakers, this year we are giving a donation for children's education through UNICEF.

63 million children worldwide do not attend primary school. The main reason is that many families cannot afford it.

Through this donation, more children can start school and change their future.



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THANK YOU

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