

6<sup>th</sup> edition of the

# INTERNATIONAL SMART FACTORY SUMMIT

**11<sup>th</sup> – 13<sup>th</sup> June 2025**

Switzerland Innovation Park Biel/Bienne

**DEEP TECH SMART FACTORY**  
UNITING HUMANS, AI, ROBOTS AND PROCESSES

## Event Agenda and Information



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## Organizers

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UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION

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## Co-Organizers

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## Sponsors

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## Consulting & Digital Partners

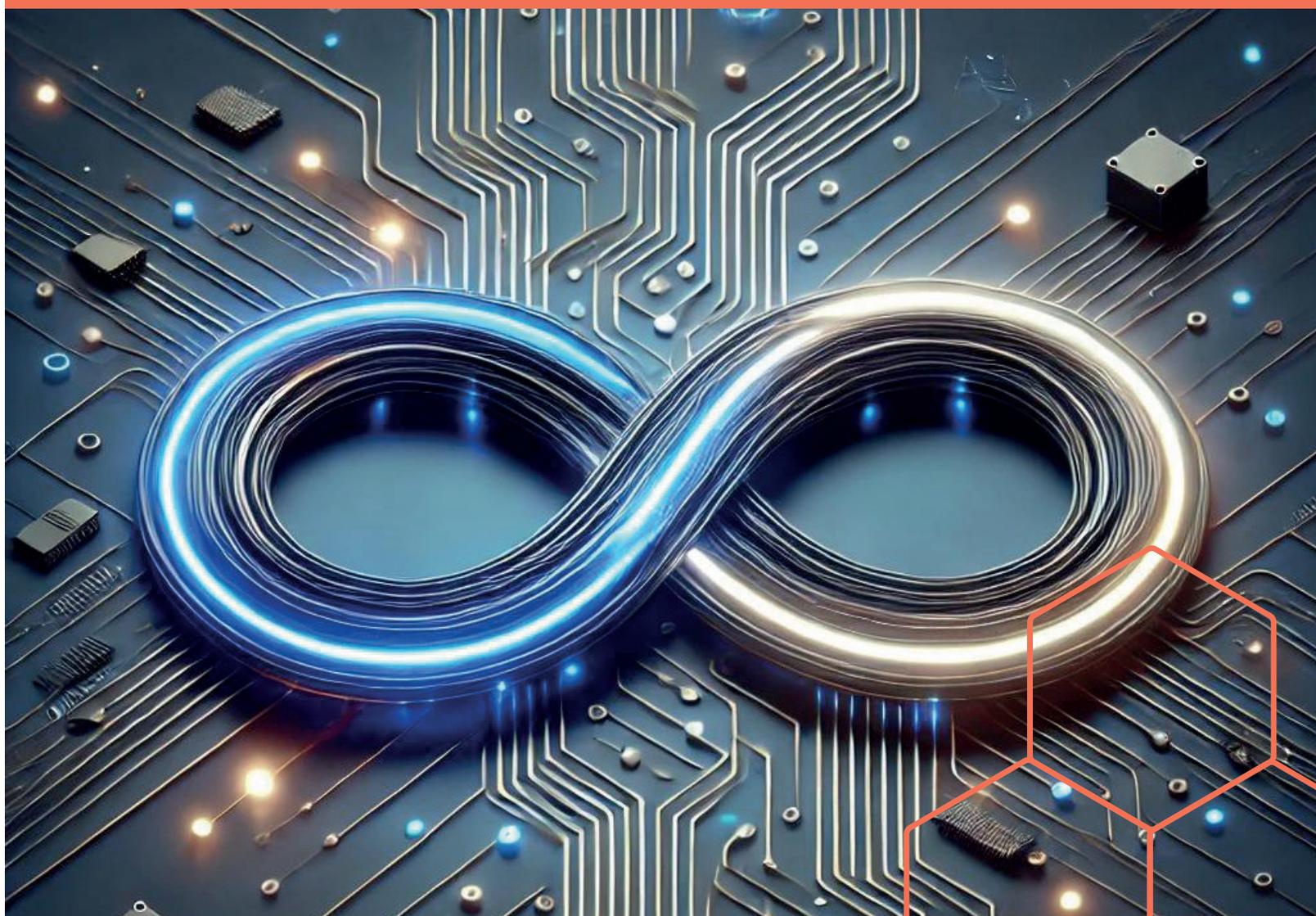
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6th edition of the

# INTERNATIONAL SMART FACTORY SUMMIT

**DEEP TECH SMART FACTORY**  
UNITING HUMANS, AI, ROBOTS AND PROCESSES



# INTERNATIONAL SMART FACTORY SUMMIT

11<sup>th</sup> – 13<sup>th</sup> June 2025

Switzerland Innovation Park Biel/Bienne

## DEEP TECH SMART FACTORY

Uniting Humans, AI, Robots and Processes

### Welcome to the 6th International Smart Factory Summit!

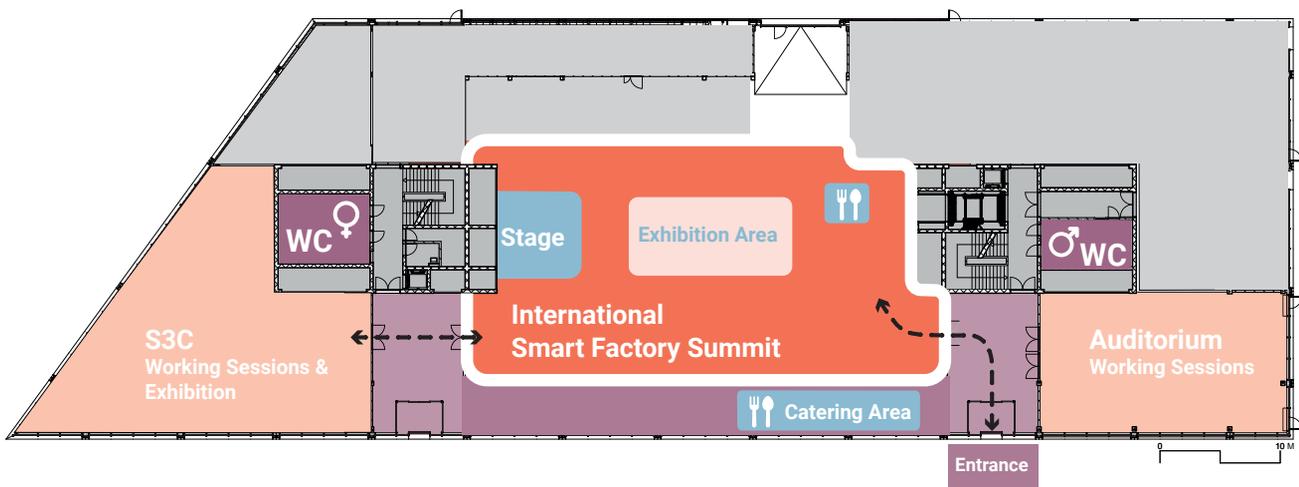
You are one of just **150 pioneering minds** gathered here to help shape the future of smart manufacturing.

You're now part of a **visionary community**, exploring the intersection of cutting-edge technology, social transformation, and bold innovation – all with the shared goal of building a better world.

In your hands is a carefully curated program – designed to spark ideas, foster meaningful dialogue, and drive real progress.

### Let's dive in. Let's connect. Let's build something meaningful – together!

Seize this unique opportunity: engage fully, collaborate openly, and return home inspired – equipped with actionable insights to shape the factory of tomorrow.



Switzerland Innovation Park Biel/Bienne AG  
Aarbergstrasse 46, 2503 Biel/Bienne  
event@sipbb.ch, +41 32 530 88 88

Wednesday 11<sup>th</sup> June

## Pre-Summit

- 2:30 PM**                    **Welcome**  
At Switzerland Innovation Park Biel/Bienne,  
Aarbergstrasse 46, 2503 Biel/Bienne, Switzerland
- 3:00 PM**                    **Shuttle Transfer to Enter Technikwelt Solothurn**  
Departing from Switzerland Innovation Park Biel/Bienne to "Enter Technikwelt  
Solothurn", Gewerbestrasse 4, 4552 Derendingen
- 3:30 PM**                    **Social Event**  
**Guided tours at Enter Technikwelt Solothurn**  
Enter is a vibrant museum that explores the history and impact of computers,  
electronics, and digital innovation with 30,000+ exhibits. Through interactive expe-  
riences, workshops, and guided tours, the museum brings technology's past to life.
- 5:45 PM**                    **Shuttle Transfer**  
Departing from Enter Technikwelt, directly to the Pre-Summit Dinner location.
- 6:15 PM**                    **Pre-Summit Dinner**  
At Restaurant Stadthaus Nidau  
Hauptstrasse 18, 2560 Nidau

Thursday 12<sup>th</sup> June

## Day 1

### CHECK-IN & WELCOME

8:30 AM

#### Check-in

9:10 AM

#### Welcome addresses

Speakers

##### Ciyong Zou

Deputy to the Director General and Managing Director of the Directorate of Technical Cooperation and Sustainable Industrial Development, United Nations International Development Organization (UNIDO)

##### Sebastian Friess

President, Bern Economic Development Agency

##### Dr. Adam Gontarz

President of Next Industries,  
Executive Board Member of Swissmem

##### Dr. Thomas Gfeller

CEO, Switzerland Innovation

##### Dr. Dominic Gorecky

Head of Swiss Smart Factory,  
Switzerland Innovation Park Biel/Bienne

### INPUT STATEMENTS

9:30 AM

#### Input Statements

Setting the scene of the 6th International Smart Factory Summit

Speakers

##### Prof. Dr. David Romero

Scientific Vice-chairman  
World Manufacturing Foundation (WMF)

##### Rafik Feki

Program Manager, United Nations International  
Development Organization (UNIDO)

##### Devendra Jain

Lead Frontier Technologies for Operations,  
World Economic Forum (WEF)

##### Raimund Klein

CEO & Founder  
International Centre for Industrial Transformation (INCIT)

##### Dr. Dominik Rohrmus

CTO, Lab Network Industrie 4.0  
International Manufacturing-X Initiative Partner

##### Jesús de la Maza

President, Innovalia Group  
International Manufacturing-X Council Partner

Thursday 12<sup>th</sup> June

## Day 1

10:10 AM

COFFEE BREAK

## DEEP TECH SMART FACTORY

10:30 AM

**Keynote 1**

Adaptive Manufacturing: Reconfigurable Robots for the Smart Factory of Tomorrow

Speaker

**Prof. Dr. Jamie Paik**

Director and Founder of the Reconfigurable Robotics Lab (RRL), Ecole Polytechnique Federale de Lausanne (EPFL)

11:00 AM

**Panel Session 1**

Disruption ahead? Demystifying Deep Tech's role in Smart Manufacturing

Moderator

**Dr. Milan Kumar**

Global Technology Leader, TEDx Speaker, Global CIO &amp; CDO Awards Winner, CIO Series Author, Forbes Tech Council

Participants

**Dr. Georg Püschel**

Co-Founder and Lead Technology Architect, Wandelbots – ARTIFICIAL INTELLIGENCE

**Dr. Alexander Blass**

Head of Operations, Neura Robotics Zakia Zeroual, Board Member at Swiss Engineering, AI and robotics specialist – HUMANOIDS, COGNITIVE ROBOTICS

**Jan Mikolon**

CTO, Quantum Basel – QUANTUM

**Alexander Beck**

Head of Business Management, SIEMENS – INDUSTRIAL METAVERSE

11:30 AM

**Keynote 2**

Turning Values into a Value Proposition while addressing AI Risks

Speaker

**Dr. Clara Neppel**

Senior Director of the Institute of Electrical and Electronics Engineers (IEEE)

Thursday 12<sup>th</sup> June

## Day 1

12:00 PM

### Panel Session 2

Human-AI-Machine Agents Collaboration: Redefining Workforce Roles and Skills

Discuss the challenges and opportunities regarding bringing together human, AI, and machine agents in powerful teams, including defining their roles and required skills to deliver performance levels that neither can achieve on their own.

Moderator

**Jason Slater**

Chief Digital and Innovation Officer, United Nations International Development Organization (UNIDO)

Participants

**Dr. Elisa Roth**

CEO and Founder of Augmented Industries, featured in "Forbes 30 under 30"

**Jan Wokittel**

Digital Strategy Delivery Lead, Roche (WEF Lighthouse Factory)

**Prof. Dr. Antonio Padovano**

Head of Brewing Smart Factory Lab, University of Calabria

**Michela Magas**

Designer, Entrepreneur and Innovation specialist, Laureate "European Prize for Women Innovators"

12:30 PM

LUNCH BREAK

SMART FACTORY HUBS

1:20 PM

### Special Address

AI-Driven Strategy for Smart Factory Systems: Data-Centric Technology, Tools, and

Thursday 12<sup>th</sup> June

## Day 1

## Speaker

## Talents

**Prof. Dr. Jay Lee**

Clark Distinguished Chair Professor Director, Industrial AI Center, University of Maryland College Park Maryland, USA

1:40 PM

**Working Session 1**

## Smart Factory hubs around the world

This workshop adopts a dynamic **World-Café format** to explore the key elements shaping Smart Factory ecosystems globally. Participants can rotate between five moderated stations, each focusing on a critical building block of smart factory development based on the **Business Model Canvas** framework. At each station, a subject-matter expert will guide focused discussions, stimulate idea exchange, and capture key insights on flipcharts. The **final 20 minutes** will be dedicated to brief presentations of the flipchart outcomes from each station, fostering cross-topic reflection and collective learning.

## Tracks

**Table 1**

## Smart Factory Key Partners

**Prof. Dr. David Romero**

Scientific Vice-Chairman, World Manufacturing Foundation (WMF)

**Table 2**

## Smart Factory Key Activities &amp; Resources

**Dr. Johannes be Isa**

CEO of Inoyad

**Table 3**

## Smart Factory Value Propositions (Products &amp; Services)

**Prof. Dr. Dimitris Kyritsis**

University of Oslo, Ecole Polytechnique Fédérale de Lausanne (EPFL), Expert Advisor at the Swiss Smart Factory (SSF)

**Table 4**

## Smart Factory Customer Relationships &amp; Channels

**Prof. Dr. Duck Young Kim**

Professor of Industrial & Management Engineering, POSTECH

**Table 5**

## Smart Factory Financials (Cost Structures &amp; Revenue Streams)

**Mohamed Taher Mouni**

CEO of Beyond 4.0

Thursday 12<sup>th</sup> June

## Day 1

2:40 PM

### COFFEE BREAK

3:00 PM

### Pitching Session by Smart Factory Hubs

This session showcases Smart Factory Hubs from around the world as they pitch their unique strengths and highlight opportunities for international collaboration.

#### Moderator

**Dr. Dominic Gorecky**

Head of Swiss Smart Factory, Switzerland Innovation Park Biel/Bienne

#### Participants

Brazil

**Ricardo Felizzola**

CEO, ALTUS

Greece

**Nikos Kyriakoulis**

Co-Founder and Managing Partner of CORE Group

Italy

**Dr. Alessandro Favalli**

International Projects Manager at MADE 4.0

Korea

**Prof. Dr. Duck Young Kim**

Professor of Industrial & Management Engineering, POSTECH

Malaysia

**Dr. Chua Wen-Shyan**

Head of Malaysian Smart Factory 4.0

Mexico

**Miguel Mendoza**

CEO, Automated Data Systems (HUB 4.0)

Morocco

**Mohamed Taher Mouni**

CEO, Beyond 4.0

Indonesia

**Dipl. Ing. Wahyu Nursanto**

Director of ATMI IGI

Spain

**Prof. Dr. Eduardo Vendrell**

Associate Professor at Universitat Politècnica de València (UPV)

4:10 PM

### Sharing Session

Global synergies in Smart Manufacturing: best practices in collaboration between Switzerland, Malaysia and Saudi Arabia.

Share insights and best practices from Smart Factory Hub collaboration that bridges innovation, workforce development, and industrial transformation across Switzerland, Malaysia, and Saudi Arabia.

#### Participants

Switzerland

**Dr. Dominic Gorecky**

Head of Swiss Smart Factory, Switzerland Innovation Park Biel/Bienne

Malaysia

**Sook Ling Teh**

Executive Director, Selangor Human Resources Development Centre (SHRDC)

Saudi Arabia

**Yousef Almajnouni**

General Manager (Advance Manufacturing and Innovation), Ministry of Industry and Mineral Resources

**Dr. Bandar Al-Khalan**

General Director, Advanced Manufacturing Technologies Institute at King Abdulaziz City for Science and Technology (KACST)

Thursday 12<sup>th</sup> June

## Day 1

## ANNOUNCEMENTS &amp; AWARDS

4:30 PM

**Official releases and announcements**

UNIDO International Smart Factory Hub website launch  
 Nespresso Automation Challenge (NAC)  
 Smart Production Alliance: INCIT, Hanover Messe and Swiss Smart Factory  
 OPERI & SIRI Partnerships  
 Malaysia Initiative  
 Indonesia Initiative

**ISFS Award**

Special ISFS Award to Prof. Dr. h.c. Detlef Zühlke in recognition of his groundbreaking "Smart Factory" concept introduced 20 years ago.

## OPEN FLOOR &amp; NETWORKING

5:30 PM

**Exhibition in the Swiss Smart Factory**

Exhibitors

Bern Economic Development Agency (BEDA)  
 Perinet GmbH  
 xHorse  
 ESTAINIUM  
 Wandelbots  
 INOYAD Technologies

**Lab tours**

Lab tours

Swiss Smart Factory (SSF)  
 Swiss Robotics Competence Center (S3C)  
 Swiss Advanced Manufacturing Lab (SAMC)  
 Swiss Battery Technology Center (SBTC)

## FESTIVE DINNER

7:00 PM

**Festive Dinner at Restaurant "La Péniche"**

Schlossstrasse 25, 2560 Nidau

**Swiss CxO Award Ceremony**

Friday 13<sup>th</sup> June

Day 2

INDUSTRY, START-UPS AND YOUNG INNOVATORS FOR A BETTER, SUSTAINABLE WORLD

8:00 AM

Welcome Coffee and Check-in

8:30 AM

Keynote 3

PlanetSolar: The World's First Solar Boat Expedition

Lessons from the edge of innovation and human potential.

Speaker

**Christian Ochsenbein**

Head of the Swiss Battery Technology Center (SBTC),  
Switzerland Innovation Park Biel/Bienne

9:00 AM

Deep Tech Pitching Session

Cutting-edge start-ups pitch their Deep Tech innovations with a focus on sustainability and workforce development.

Moderator

**Dr. Dominic Gorecky**, Head of Swiss Smart Factory,  
Switzerland Innovation Park Biel/Bienne

Participants

Aitexa

**Moritz Wullschleger**  
Co-Founder

Aucobo

**Dr. Johannes be Isa**  
Managing Director

Augmented Industries

**Dr. Elisa Roth**  
CEO and Founder

Augment IT

**Reto Grob**, CEO, &  
**Elias Remele**, CSO

Huvi.swiss

**Patrick Villiger**  
CEO & Founder

Pandia

**Mauro Nart**  
Founder & Product Development

Verses AI

**Dr. Miguel de Prado**  
Technical Program Manager

Wandelbots

**Christian Piechnick**  
CEO, Wandelbots

Zerofect

**Dr. Foivos Psarommatis**  
Founder & CEO

Friday 13<sup>th</sup> June

## Day 2

9:50 AM

## COFFEE BREAK

10:20 AM

Moderator

Speakers

## Testimonials on successful Smart Factory projects

**Dr. Dominic Gorecky**

Head of Swiss Smart Factory, Switzerland Innovation Park Biel/Bienne

**Jan Wokittel**

Digital Strategy Delivery Lead, Roche

Basel drug substance site as WEF global advanced digital lighthouse plant

**Mohamed Taher Mouni**

CEO, Beyond 4.0,

**Yassine Akhrif**

Plant Senior Manager, Equatorial Coca-Cola Bottling Company (ECCBC)

IIOT for real time Line efficiency in Beverage industry

**Christian Haltiner**

Managing Director Switzerland, Member of the Management Board EuroCentral, Dassault Systèmes

Virtual twin technology: an industrial game changer

**Mine Cetinkaya**

IoT Solutions &amp; Applications Engineer, Perinet

OEE simplified retrofitting production lines without machine downtime

**Dr. Gunter Beitinger**

Senior VP Manufacturing, Siemens

CRISP Manufacturing: a new narrative for factories of the future

11:20 AM

## Panel Session 3

Innovators, start-ups, and young visionaries shaping a sustainable world

Explore how industry leaders, start-ups and young innovators are driving sustainability and creating impactful solutions for global challenges.

Moderator

**Dr. Thomas Rilke**

CEO, Deutsche Messe Technology Academy

Participants

**Dr. Gunter Beitinger**

1st Board Member, ESTAINIUM

**Faisal Zia**

Technical Director, GSMA Foundry

**Dr. Foivos Psarommatis**

Founder and CEO, Zerofect

**Lars Meyer**

Team Leader, Cellsius Aero

Friday 13<sup>th</sup> June

## Day 2

12:00 PM

### Working Session 2

Co-Designing the Smart Factory of the Future: Collaborative Exercise for a Real-World Impact

An engaging finale of the Summit where groups express their vision and mission for the future of Smart Factories and societies.

Moderator

**Prof. Dr. David Romero**

Scientific Vice-Chairman, World Manufacturing Foundation (WMF)

### CLOSING OF DAY 2

12:40 PM

### Final remarks and collection of thoughts

Speaker

**Dr. Dominic Gorecky**

Head of Swiss Smart Factory,  
Switzerland Innovation Park Biel/Bienne

12:45 PM

### LUNCH BREAK

### SWISS EXCELLENCE INDUSTRIAL VISIT

1:45 PM

### Shuttle Transfer

Departing from Switzerland Innovation Park Biel/Bienne to Laubscher Präzision AG.  
Address: Hauptstrasse 101, 2575 Täuffelen

2:00 PM

### Industrial visit: Laubscher Präzision AG

Laubscher Präzision AG, founded in 1846, is a Swiss family-owned company renowned for producing high-precision turned parts and system components, particularly for the medtech, watchmaking and industrial sectors.

4:00 PM

### Shuttle Transfer

Departing from Laubscher Präzision AG to Switzerland Innovation Park Biel/Bienne

### END OF EVENT

4:15 PM

### Back in Biel/Bienne

11<sup>th</sup> – 13<sup>th</sup> June 2025

Speakers



