

**SONY**

**Why Are You Here Today?**

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Württembergische Radio  
Gesellschaft founded in Stuttgart



1923

Harmut Esslinger joined Wega as  
an industrial designer



1969

Relocation to Stuttgart-Wangen



2000



Wega-Radio GmbH moved to  
Fellbach



Acquisition by Sony to become  
Sony-Wega Produktions GmbH

# What our departments do

AESE

ASSM

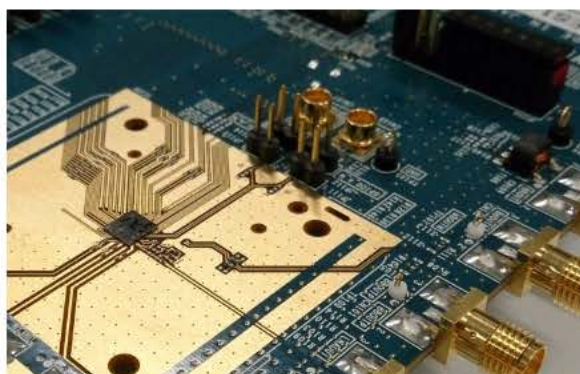
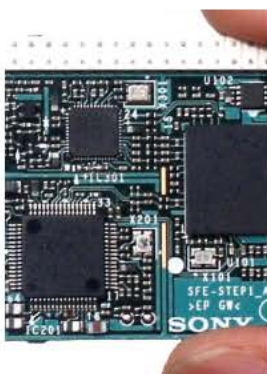
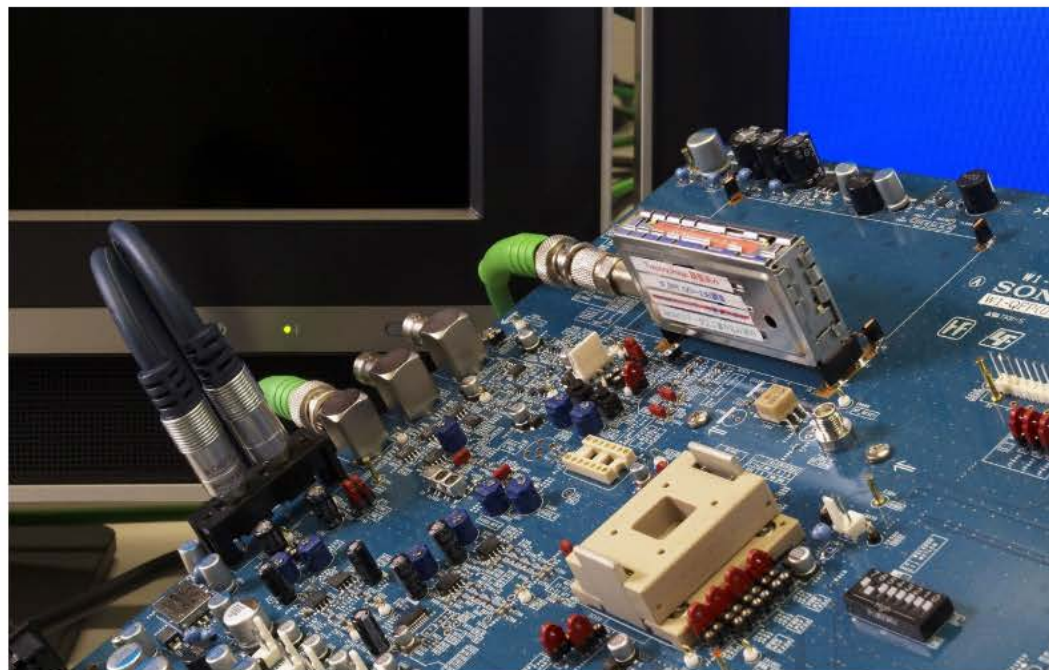
EuTEC

MSL

TPE

EuTEC researches innovative technologies, manages their standardization and contributes to Sony products by delivering prototypes as well as product components.

[Read more about EuTEC](#)



# Sony R&D - Worldwide network



Atsugi Technology Center  
Atsugi, Kanagawa



Sony City Osaka  
Osaka, Tokyo

as of Mar.1<sup>st</sup>.2019



## SES, Technology Office

- ▶ 4G/5G IP creation / Standardization
- ▶ Broadcast IP creation / Standardization



## Technology and Software Centre Europe

- ▶ Security
- ▶ Big Data Analytics



## European Technology Center

- ▶ Computational Imaging
- ▶ Speech & Sound
- ▶ RF Device

## Materials Science Lab.

- ▶ Materials Design and Technologies
- ▶ Environmental Compliance



## Sony Corporation



## Sony China Research Lab.

- ▶ Image Recognition
- ▶ Speech Recognition
- ▶ Language Analysis
- ▶ 4G/5G IP Creation / Standardization



## US Research Center

- ▶ Computer Vision / CG
- ▶ Machine Learning
- ▶ Wireless IP Creation / Standardization

# Technology Portfolio by Sony Worldwide R&D

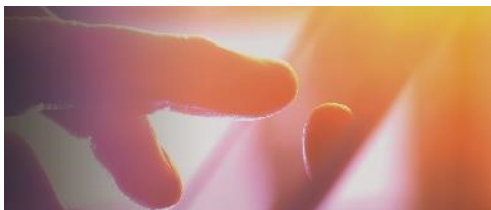
## System

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### Image & Video



### Human Interaction



### Computer Vision & CG



### Communication



### Audio & Acoustics



### System Architecture & Processor



### AI & Machine Learning



### Robotics



## Device & Material

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### Imaging & Sensing Device



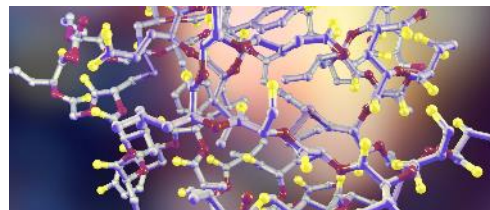
### Display Device



### Optical Device



### Material Technology



## Biomedical

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### Biomedical



# Sony Group Organization

as of Mar.1<sup>st</sup>.2019



**Kenichiro Yoshida**  
Representative Corporate Executive Officer  
President and CEO



**Hiroki Totoki**  
Representative Corporate Executive Officer  
Senior Executive Vice President, CFO

## Game & Network Services



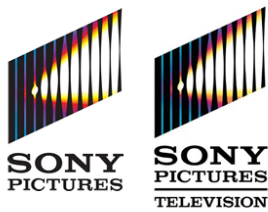
Sony Interactive Entertainment LLC

## Music



Sony Music Entertainment Inc.

## Pictures



Sony Pictures Entertainment Inc.  
Sony Pictures Television Inc.

## Home Entertainment & Sound



Sony Visual Products Inc.  
Sony Video & Sound Products Inc.

## Imaging Products & Solutions



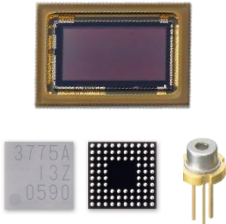
Sony Imaging Products & Solutions Inc.  
Sony Olympus Medical Solutions Inc.  
Sony Storage Media Manufacturing Corp.

## Mobile Communications



Sony Mobile Communications Inc.  
Sony Network Communications Inc.

## Semiconductors



Sony Semiconductor Solutions Corp.

## Financial Services



Sony Life Insurance Co., Ltd.  
Sony Assurance Inc.  
Sony Bank Inc.

Headquarters

R&D Center

AI Robotics  
Business Group



Business Incubation  
Platform

Brand Design  
Platform

Professional  
Services

Operation / Service Related Companies  
(Manufacturing, Logistics, Procurement, Quality, Environment, Sales & Marketing, Accounting, HR, General Affairs, Information Systems etc.)

and since you are here ...



Mercedes Museum



Neues Schloss



Porsche Museum



Staatsgalerie



Cannstatter Wasen



TV Tower

**SONY**

**... but for now let's have a great workshop!**



# This presentation was presented at EPIC Meeting on VCSELs Technology and Applications 2019

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# SONY

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