

CPC TECH. SALON WEB TOUR

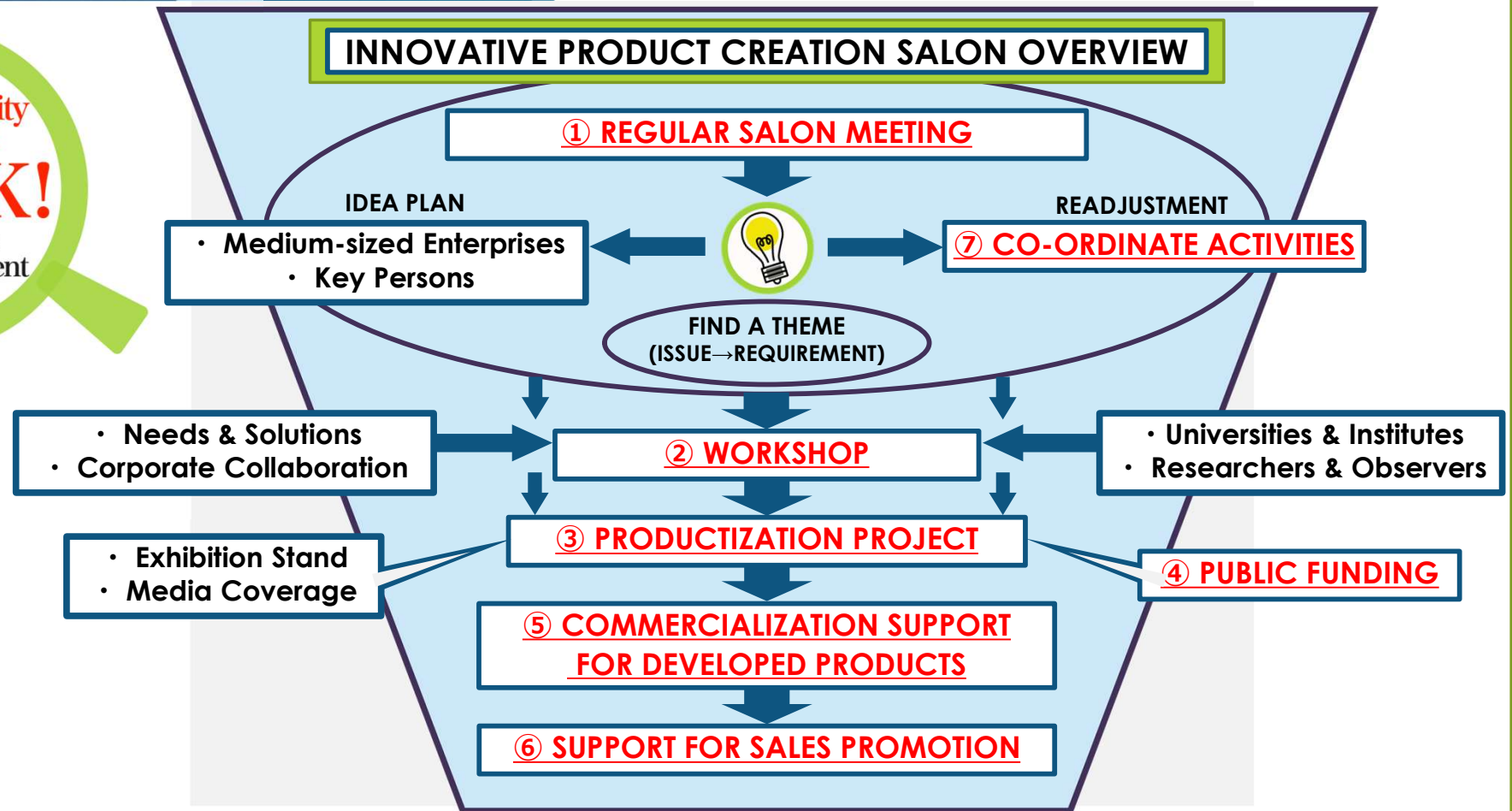


[HTTPS://WWW.CPC.OR.JP/CPC/PUBLICS/INDEX/104/](https://www.cpc.or.jp/cpc/publics/index/104/)



WELCOME TO THE WEB TOUR

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① INNOVATIVE PRODUCT CREATION SALON (REGULAR MEETING)

The first Innovative Product Creation Salon meeting was held July 25th 2019

At the first salon, we invited two authorities in the information technology (ICT) field and gave lectures, which were very popular among member companies. This was confirmed by the questionnaire figures after the lecture.

In particular, Professor Kanade contributed not only to the lecture, but also well to the exchange of ideas at the concluding dinner event.

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Prof. Takeo Kanade
(Robotics)

Special Note:
Professor Kanade, the first instructor of the year, has been selected as a **Cultural Merit!** We have sent a celebration message on behalf of the salon.



① CARBON neutral vs Mobility : Out of Eurasia 2021

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TAKAMURA Yukari



Naoko Matsumoto
松本 直子



岡山大学文明動態学研究所 Research Center for the
Dynamics of Civilizations

② WORKSHOP (1)

Equipment Management Technology in the IoT age

Professor Jinn-yama of Mie University gave a Lecture on Wednesday 6th November (in the meeting room of the CPC).

Also, Measurement Demonstration Training was held on Thursday 14th November (on the Mie University Campus).

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Day 2: Measurement Demo. (Mie University)



③ PRODUCTIZATION PROJECT (1)

Tactile Sensor Project

With Professor Obinata of Chubu University as the project leader, we are meeting to develop new tactile sensor technology for POC.

The project team consists of specialized companies for sensors, resin/rubber, printing, prototyping, communication and integration.

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A Tactile Sensor Experiment, in which three types of materials are held by the same sensor. We received a demo video from the project.



<Acrylic object>



<Aluminum object>

③ PRODUCTIZATION PROJECT (2)

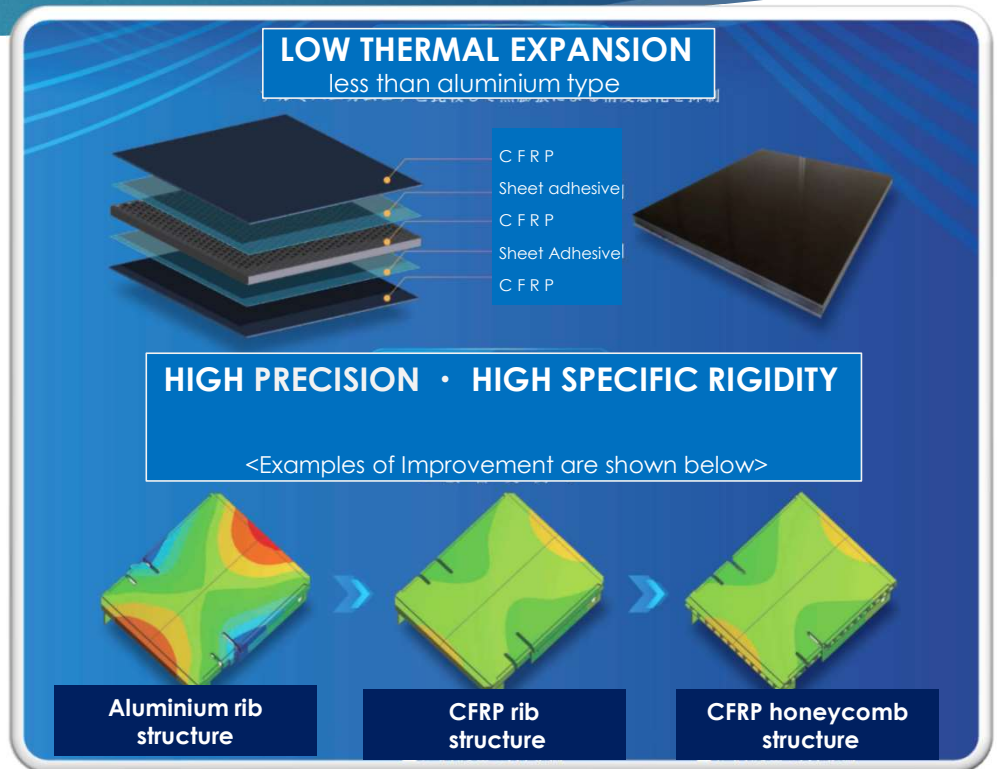
Water Jet Processing Technology

CFRP (carbon fibre reinforced plastic)
honeycomb sandwich panel

- Light weight, high rigidity, low thermal expansion Surface Plate is developed
- Suzuki Industry Co Ltd, developed & applied Water Jet Cutting technology
- An exhibition provided the opportunity to meet a potential user at the Warm Tech Spoon booth

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Source: company materials



③ PRODUCTIZATION PROJECT (3)

Industrial Brush & Sheet product utilizing recycled GFRP material

We recycled FRP waste material to produce wire rod with a diameter of 0.2 to 1.0mm, and jointly developed industrial brushes and sheets from the wire.

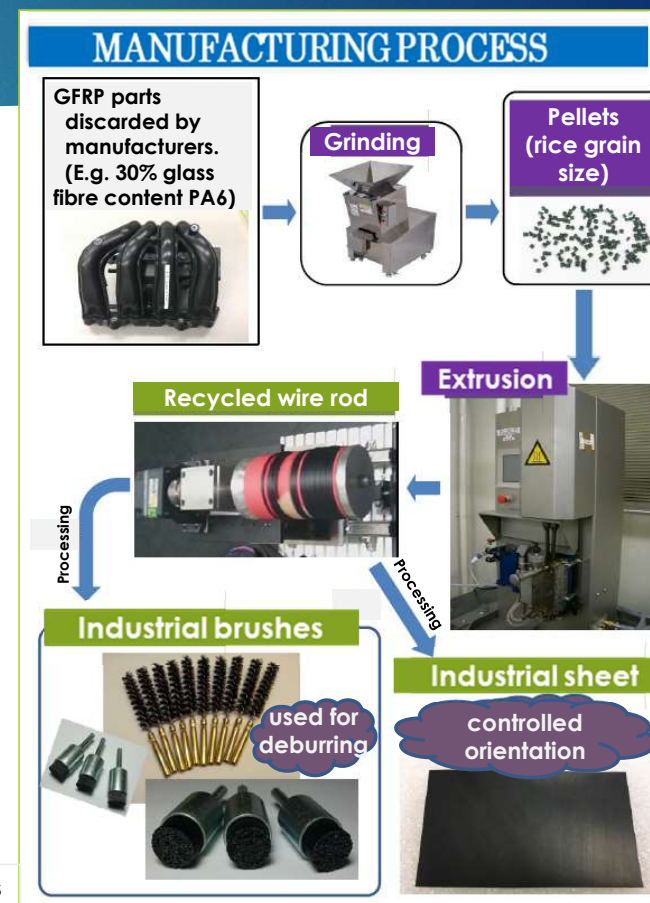
CPC provides a place for joint research between Ihara Gosei and the Prefectural Industrial Technology Center.

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INNOVATIVE PRODUCT CREATION SALON

Source: company materials



④ PUBLIC FUNDING

FOR RESEARCH & DEVELOPMENT

Tactile Sensor Project

JST A-STEP Scheme

(R&D Potential Verification Phase)

Professor Obinata's new challenge in 2019 (the handling of processed foods by a robot hand with a tactile sensor) has been selected for public funding.

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JST A-STEP (Potential Verification Phase, Demonstration Study type)
List of adopted cases – 2019 (33 cases)

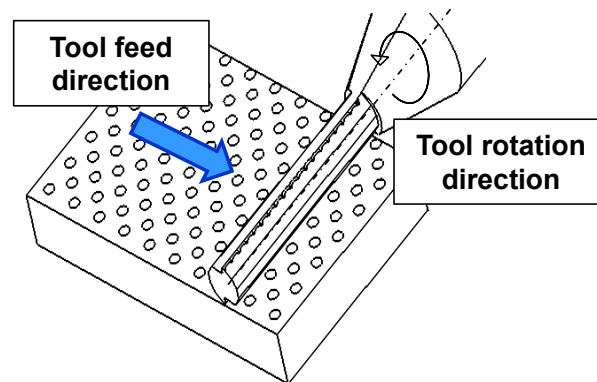
Serial No	Subject Name	Research Institute Name	Researcher
21	The handling of processed foods by a robot hand with a tactile sensor	Nagoya Industrial Science Research Institute	Obinata, Goro



⑤ COMMERCIALIZATION SUPPORT FOR DEVELOPED PRODUCTS

Dimple Machining on Sliding Surface “Tiling” Processing Technology

CPC provided an opportunity for industry-academia collaboration between Professor Usami of Meijo University and Kanefusa Co. Ltd. for R&D of “Tiling” processing.



Source: Company technical data

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⑥ SUPPORT FOR SALES PROMOTION (1)

Antioxidant power! Development of high purity hydrogen inhaler

- Study of the action of hydrogen molecules on a living body, and gas concentration distribution simulation technology

Mediating between researchers
(Chubu/Nagoya Universities) and the R&D
department of Sania Industry Co. Ltd.

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INNOVATIVE PRODUCT CREATION SALON

Source: company materials



Confirmation of hydrogen
bubbling state

⑥ SUPPORT FOR SALES PROMOTION (2)

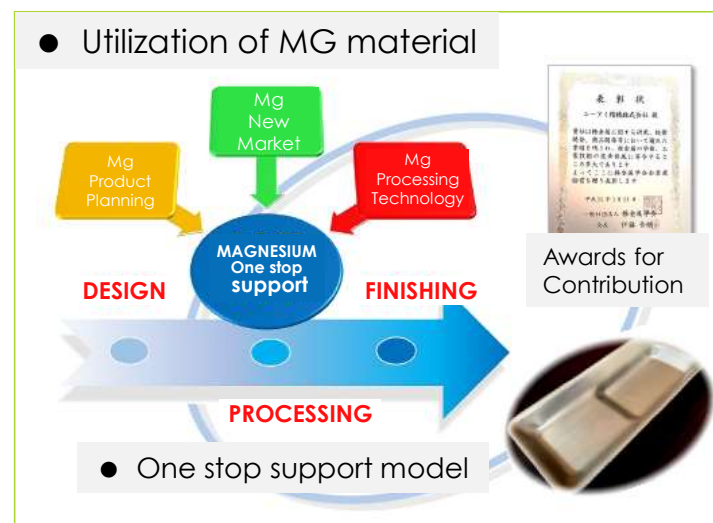
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Utilization of Magnesium Material One Stop Service

Industry-academia
collaboration between
Professor Ishikawa of
Chubu University, and
Yuai - Seiki Co. Ltd. is
mediated.

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Source: company materials



Yuai-Seiki marks 50th anniversary

We are pursuing material and processing methods that are expected to contribute to the weight reduction of products, such as Magnesium alloy press working, joining technology of different materials, etc.



R&D

- # Magnesium alloy press processing) construction method research – practical application – development of prototypes (2012-present)
- # Magnesium batteries practical product prototype development (2019-present)
- # Metal joining by plastic working: aluminium + iron, aluminium + aluminium (2017-)

Exhibition

- # Technology Exhibition for People & Cars Nagoya (2017-2018)
- # Automotive World – Tokyo Big Sight (2014-2020)



INNOVATIVE PRODUCT CREATION SALON

⑥ SUPPORT FOR SALES PROMOTION (3)

Japan's first! Medicinal Hair Restorer Using Plant Extract

Ingredients from Plant Vitalizer HB-101
are utilized for the skin and scalp

The development trigger was a
comment from 'HB-101' users

Salon's long-term member
Flora Co. Ltd.'s industry-industry
collaboration is supported.

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Source: company materials

日本
商品
一覧

植物活力剤
HB-101 シリーズ

植物消臭剤
ニオイノンノ シリーズ

育毛剤
育毛剤 シリーズ

化粧品
化粧品 シリーズ

健康食品
サプリメント シリーズ

ペット・混合飼料
ペット・飼料 シリーズ

Japan's first! Medical Hair Restorer Using
Mixed Plant Extract

HG-101 Quasi Drug

Ingredients from Plant Vitalizer HB-101
are utilized for the skin and scalp

HG-101の効果—

育毛	発毛促進	抜け毛予防
かゆみ予防	フケ予防	産後の脱毛に

4種類の
植物エキス

無香料
無着色
無鉱物油

男女兼用

育毛のために
HG-101

医薬部外品



INNOVATIVE PRODUCT CREATION SALON

⑦ SECRETARIAT: CONTACT US WITH ANY QUESTIONS



Chubu Productivity Centre (CPC)

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<Advisor>

◆ Shigeo Asai



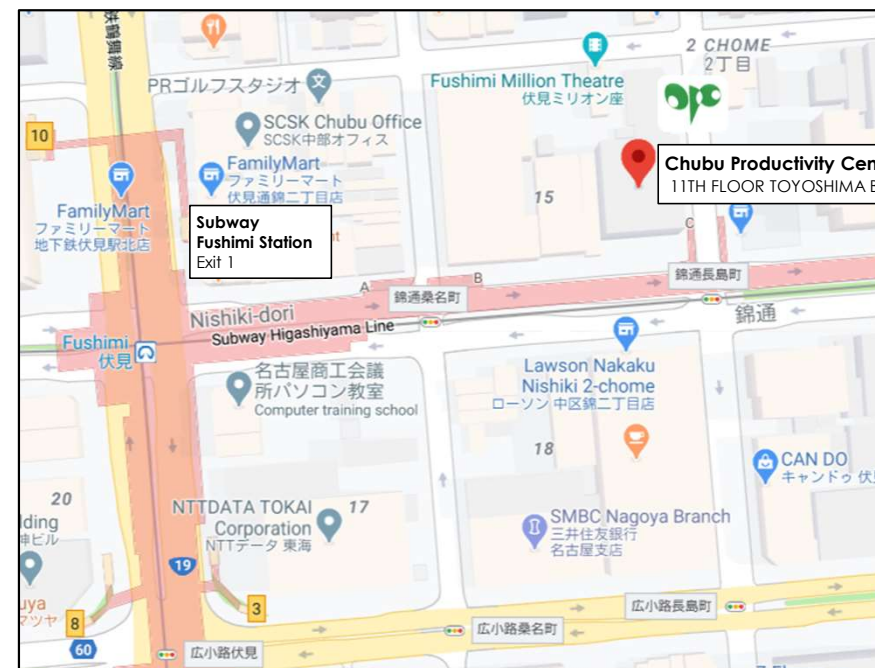
<Productivity Advisor>

◆ Kyosuke Yotsumoto



<Coordinator>

◆ Tadao Ozawa



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