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**Fraunhofer IGCV & TU München:
ProLeiT Supports Interdisciplinary
Research Project 'RoboFill 4.0'**

**ProLeiT AG:
Trade Fair & Training Dates 2018**

ProLeiT

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www.robofill.wzw.tum.de

Industry 4.0 in the beverage industry – this vision of the future will soon be reality thanks to the 'RoboFill 4.0' research project. The project promoted by the Bavarian Research Foundation is a collaboration between several industrial companies and research institutes. Fraunhofer IGCV and Technical University of Munich are in charge of the scientific and administrative coordination.

The provision of personalised products is an unavoidable trend which is also shaping the food and beverage market. As a result, the operators of highly specialised and rigid production plants face the challenge of meeting quantity and format flexibility demands in an effective and efficient manner.

The focus of the 'RoboFill 4.0' project has therefore been placed firmly on the prototype of a state-of-the-art, modular-designed and flexible filling system. Its completion is planned for the end of 2018.

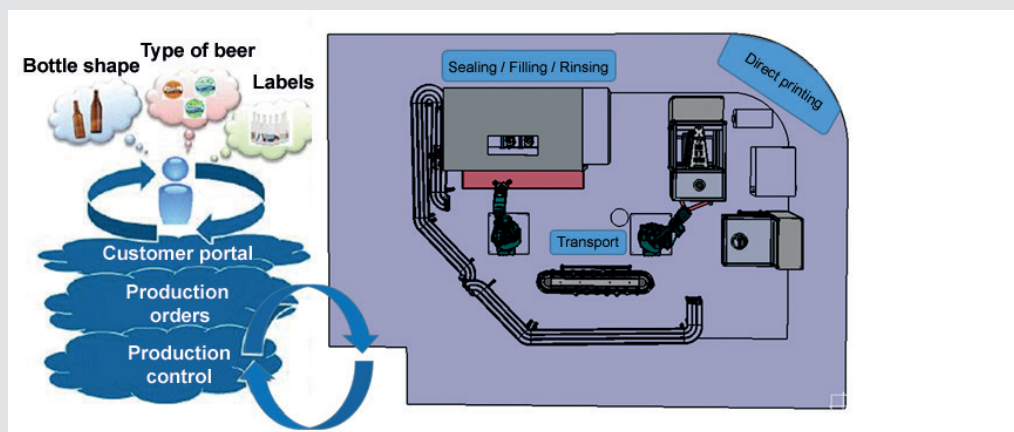
The 'RoboFill' concept intends to provide end consumers with the opportunity to come up with their own personal beer-mixed beverages online and to label them with a freely designable logo.

The design engineers guarantee individual production that runs without human intervention, functioning autonomously on the basis of digital intelligence while being integrated seamlessly into existing processes – true to the principles of Industry 4.0. This unique research project is exemplary for a host of comparable industries, meaning the technologies can also be adapted for application in other industrial sectors.

Thanks to its close cooperation with the Technical University of Munich, ProLeiT AG is one of the companies whose knowledge and expertise have actively contributed to the success of this seminal project. As part of the collaboration, ProLeiT supplies the interface to the WebShop and the Multi Agent System (MAS). On the one hand, these interfaces are used to retrieve new order data from the WebShop and to transfer it to the MAS. And on the other, the MAS provides data of ongoing orders. Information on the status of various plant components is also available any time thanks to ProLeiT.

This information provides customers not only with an overview of the progress of their orders, but plant operators are informed of the status of their machines at all times.

RoboFill 4.0



Trade fair & Training dates 2018

www.proleit.com

The new training programme dates for 2018 can be found under: [Course overview](#). Check out our website for more details about individual courses and use our online registration form. Feel free to send us an email if you have any questions about ProLeiT training courses: training@proleit.com. We will once again be represented at numerous trade fairs around the globe in 2018. A list of all the events can be found on our website: www.proleit.com/trade-fairs-events. We look forward to meeting you at the trade fairs. We would like to take this opportunity to wish you a very Merry Christmas and a prosperous 2018!

	Trade fair	City / Country	From	Until
Germany	Anuga FoodTec	Cologne	20.03.2018	23.03.2018
	Achema	Frankfurt	11.06.2018	15.06.2018
	iba	Munich	15.09.2018	20.09.2018
	Solids	Dortmund	07.11.2018	08.11.2018
	BrauBeviale	Nuremberg	13.11.2018	15.11.2018
International	Dairy & Meat Industry	Moscow / Russia	27.02.2018	02.03.2018
	Food Automation & Manufacturing	Bonita Springs / USA	08.04.2018	11.04.2018
	American Coatings Show	Indianapolis / USA	10.04.2018	12.04.2018
	International Cheese Tech Expo	Milwaukee / USA	17.04.2018	19.04.2018
	Craft Brewers Conference	Nashville / USA	30.04.2018	03.05.2018
	Foodtech Barcelona	Barcelona / Spain	08.05.2018	11.05.2018
	Craft Beer China Conference & Exhibition	Shanghai / China	16.05.2018	18.05.2018
	Beer Sochi	Sochi / Russia	22.05.2018	24.05.2018
	Membrane Technology Forum	Minneapolis / USA	05.06.2018	07.06.2018
	Expopack	Mexico City / Mexico	05.06.2018	08.06.2018
	Brewing Summit 2018	San Diego / USA	12.08.2018	15.08.2018
	FoodTech Summit & Expo	Mexico City / Mexico	26.09.2018	27.09.2018
	WoTS – World of Technology & Science	Utrecht / The Netherlands	02.10.2018	05.10.2018

