

## [OZ-18: addresses & opening]



Brigitte Zypries,  
Federal Minister for  
Economics & Energy



Günther Oettinger,  
Commissioner of the  
European Union

On society & political support from Germany & Europe we are very much honored to announce addresses from Brigitte Zypries, Federal Minister for Economics & Energy as well as Günther Oettinger, Commissioner of the European Union for Budget & HR and former State Prime Minister of Baden-Wuerttemberg.

**ottobock.**

Prof. Hans Georg Näder,  
Chairman, OttoBock Group



**Fraunhofer**

Prof. Dr. Reimund Neugebauer,  
President, Fraunhofer  
Gesellschaft

On industrial and hightech support we are very proud to announce the address from Prof. Hans Georg Näder, Chairman of OttoBock Group, the global technology leader in health care products as well as on applied science support, the address from Prof. Dr. Reimund Neugebauer, the President of Fraunhofer.



Prof. Dr. Klaus Töpfer,  
Federal Minister & UNO  
General Director a. D.



H. E. Bolat Nussupov,  
Ambassador of Kazakhstan  
in Germany

The political opening will be guided by Prof. Dr. Klaus Töpfer, Federal Minister in the Kohl-cabinet, Under Secretary General of the United Nations, General director of the UNO office Nairobi and Executive Director of the UNO Environment Program. Today he is an important protagonist for the relationship Germany and eastern neighbors Eurasia. In a great match we welcome H. E. Bolat Nussupov, Ambassador of Kazakhstan, the country providing best and most High Carbon Ferrochrome, an indispensable resource e. g. for bearing or tool-steels.



Sen. Enrique Flores Mendoza  
President Municipal de  
Guadalupe



H. E. Alejandro Tello  
Cristerna,  
Governor of Zacatecas

Initiated through a project with Mexico, where nanostructured HP/UHP concrete is to be used for the 47m high statue Virgin of Guadalupe, larger than Christ of Corcovado or the Statue of Liberty, we welcome the Major of Guadalupe, Sen. Enrique Flores M. and appreciate a video message from the Zacatecas Governor H. E. Alejandro Tello C. inviting OZ-symposium 2019 or 2021 to Mexico.

## [OZ-18: opening & ceremonial lecture]



Paolo Poma, CFO and General Manager, Automobili  
Lamborghini S.p.A., Italy



H. E. Prof. Dr. Ihy-Wey Shieh,  
Representative of Taiwan in  
Germany



Dr. Chien-Yung Ma, Chair-  
man, Solar Applied Materials  
Technology Corp., Taiwan



Paolo Poma, CFO & General Manager of Lamborghini, initially up for the opening on behalf of industry, due to the overlapping with Geneva autoshow, sent a video message stating to meet us soon, thus OZ-19 or 20. In a brilliant direct interaction on large industry and politics, H. E. Prof. Dr. Ihy-Wey Shieh will kindly open the floor to the ceremonial lecture by Dr. Chien-Yung Ma, representing the largest optical data storage thin film manufacturer worldwide. As a global leader in precious metal and rare material refining, we find his products e. g. in all our consumer electronics.

## [addresses at OZ-Symposia]



LMU, Minister Johannes Remmel; LMW, Minister Harry Voigtsberger; BMWi, Federal Minister Dr. Philipp Rösler (OZ-12); BMU, Federal Minister Peter Altmaier; EU/EC, Head-Nano S/T Christos Tokamanis; JSPM, President Prof. Dr. Hideshi Miura (OZ-13)



RUSNANO, CEO Anatoly Chubais; VDA, President Matthias Wissmann (OZ-14); German Parliament, Vice President Peter Hintze; Airbus Group, CTO Dr. Jean Botti (OZ-15)



SCHOTT AG, Chairman of the Board Dr. Frank Heinrich; BMWi, Parliamentary State Secretary Katherina Reiche; CDU/CSU, Energy Commissioner Thomas Bareiss; European Space Agency, President Prof. Dr. Johann-Dietrich Wörner; European Academy of Sciences & Arts, President Prof. Dr. Felix Unger (OZ-16)



# 10th International | 10th German-Japanese Symposium on Nanostructures

*March 4-6, 2018  
Wenden, Germany*

**[OZ-19]**

March 3-5, 2019  
Korea, Mexico or Sri Lanka

**[OZ-20]**

March 1-3, 2020  
Germany

**[OZ-21]**

Feb. 28 - March 2, 2021  
Korea, Mexico or Sri Lanka



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from a small but excellent society.

# OZ-18 Exhibition

The OZ-Exhibition that will be held in conjunction with the Symposium offers an excellent opportunity for international suppliers to the nanostructure-related industry to make new contacts and to win business potential while contributing to a positive atmosphere for delegate and exhibitor integration. Further information, please find at [www.zoz.de/OZ](http://www.zoz.de/OZ)

## Submission of abstracts

Please find abstract submission guidelines and all other important information at [www.zoz.de/OZ](http://www.zoz.de/OZ).

Deadline for oral presentations is over, posters & exhibitors still may be proposed/sign-up on the late-arrival list.



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# think nature



## nano structures

OZ-18 will provide a small but first-class technical program to cover aspects in the growing niche and at the same time super important field of nanostructured materials in applied science and technology for industry, life, energy and nature-saving - to make more with less.



On Sunday March 4 there will be a board meeting of the EUREKA-cluster Metallurgy Europe at ZTC/Olpe. A limited number of OZ-18 attendees may find access before joining the welcoming reception at Wenden Townhouse nearby.

## orga nization

OZ-Symposium is held annually since 2008. Until OZ-18 alternating between Germany and Japan, the symposium in the future will be alternating between Germany and global technology-open sites throughout the world.

The first session-day is always the first Monday in the month of March. The Sunday before is for arrival, registration and get-together and insofar is listed in the schedule. The conference dinner / party [meet'n'greet] will always be on Monday evening. Since OZ-17 in Japan has been skipped, OZ-18 is the 10th meeting, organizers from:



[OZ-18 post conference day, Wednesday March 7 @ ZTC]



The post conference day organized at the Zoz Technology Center at Olpe nearby the OZ-18 venue will represent an important step in the dissemination of PM2019, the novel dispersion strengthened Ti-6Al-4V-0.5dps powder/bulk where the nanostructured powder composites are "pre-consolidated" by HIP and HP and subsequently atomized by EIGA to be commercialized in SLM and EBM processing. The consortiums target are commercial powder products particularly for Additive Manufacturing processing.



PM2019 is resulting from the ongoing Nanotun3D EU-H2020 funded undertaking (grant agreement 685952), dispersoids (dps) are Y<sub>2</sub>O<sub>3</sub>, SiC and core-shell SiC@TiO<sub>2</sub>. This special interest program including some online processing demonstrations powder (HKP) and bulk (HIC) addresses not only the Nanotun3D industrial advisory board but also all OZ-18 attendees, pre-registry requested.



[OZ-18 excursions ZTC & ZCS]

OZ-18 Technical Excursions are heading out on Monday evening upfront the meet'n'greet party to ZTC at Olpe and on Tuesday after all sessions to ZCS at Siegen city center.



the Nanotune3D-team @ZTC, 17.05.2017