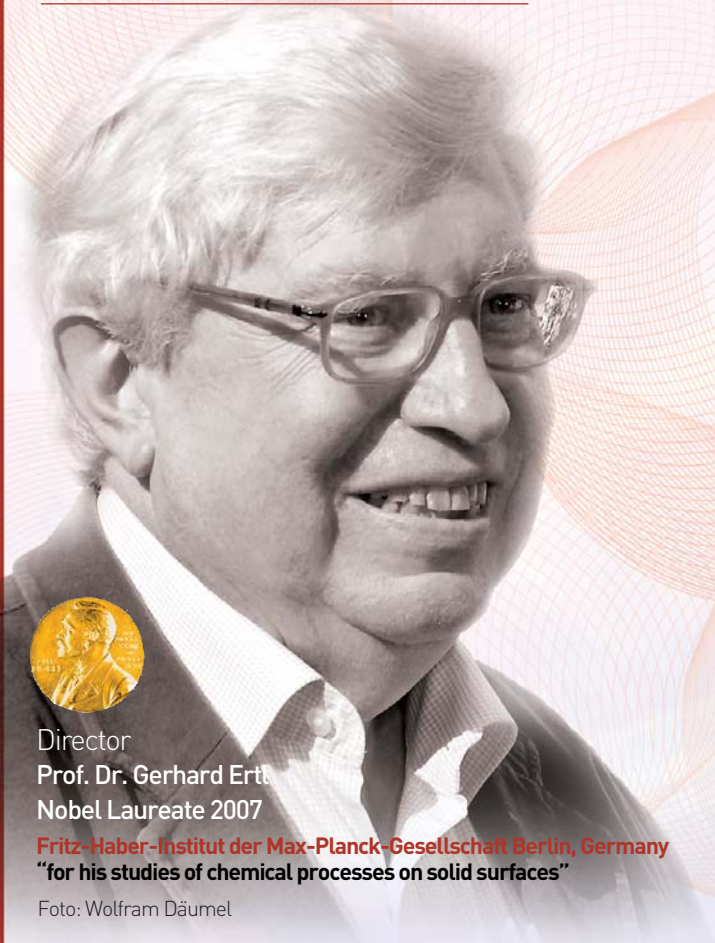




Gwangju Institute of  
Science and Technology

# Opening Ceremony of the Ertl Center

June 24, 2009 Oryong Hall



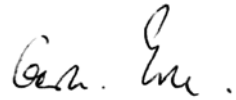
Director  
Prof. Dr. Gerhard Ertl  
Nobel Laureate 2007

**Fritz-Haber-Institut der Max-Planck-Gesellschaft Berlin, Germany**  
"for his studies of chemical processes on solid surfaces"

Foto: Wolfram Däumel

## ▶ Director's Message

At the beginning of the 21st century our world is facing serious problems with regards to environment, climate, energy conversion, raw materials and food. All these global problems are seeking scientific solutions, especially from chemistry, and in this connection electrochemistry and catalysis are of tremendous importance, in particular for energy conversion and pollution control. It is expected that the Ertl Center for Electrochemistry and Catalysis will play a significant role in these attempts, and I wish great success to all the people involved in this enterprise.



Prof. Dr. Gerhard Ertl  
Nobel Prize in Chemistry 2007

## ▶ About the Center

### Agenda of the Ertl Center

**The first period  
(2008-2010)**

- Foundation of the center
- 1st Ertl symposium



**The second period  
(2011-2014)**

- Center of excellence (COE) in electrochemistry and catalysis research



**The third period  
(2015-beyond)**

- Continuous research

### Role of the Ertl Center

- \* Bridge between basic research and industrial applications
- \* Encouragement of continuous research in Electrochemistry and Catalysis (Surface Science) in Korea and Germany
- \* Focused on international collaboration
- \* Promotion of "Practical Learning" movement (DASAN)
- \* Organization of Ertl Symposium

June 24,  
2009

## ▶ Program

13:30 Tea time in President's office

### Opening Ceremony

- 14:30 Prof. Dr. Jaeyoung Lee/Dr. Markus Eiswirth Introduction of the Ertl Center  
*Vice Directors of Ertl Center*
- 14:40 Prof. Young-Joon Kim Welcome address  
*Vice President of GIST*
- 14:50 Mr. Alexander Nowak Congratulatory remarks  
*Counselor of German Embassy*
- 15:00 Prof. Seung-Hyeon Moon Congratulatory remarks  
*Director of RISE*
- 15:10 Mr. Michael Paulus Congratulatory remarks  
*Director of DAAD Seoul*
- 15:20 Photograph & Coffee Break

### Scientific Talks

- 15:40 Prof. Dr. Gerhard Ertl and Dr. Markus Eiswirth  
*Fritz-Haber-Institut der Max-Planck-Gesellschaft*  
"Chemistry on Solid Surfaces"
- 16:20 Prof. Dr. Young Dok Kim  
*Department of Chemistry, Sungkyunkwan University*  
"Surface chemistry: Towards obtaining a better understanding of heterogeneous catalysis on atomic scale"
- 16:45 Prof. Dr. Andreas Friedrich  
*Department of Electrochemical Energy Technology, German Aerospace Center (DLR)*  
"Research and collaboration opportunities of the Ertl Center from the European perspective: Selected examples from the German Research Centre"
- 17:10 Dinner



Fritz-Haber-Institut der Max-Planck-Gesellschaft

## Gerhard Ertl

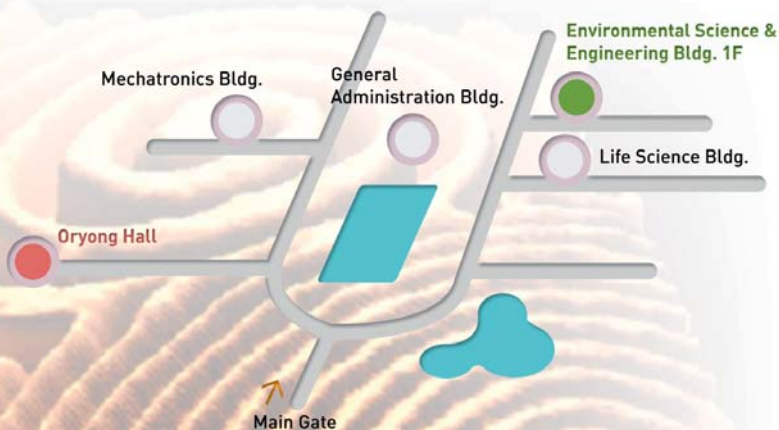
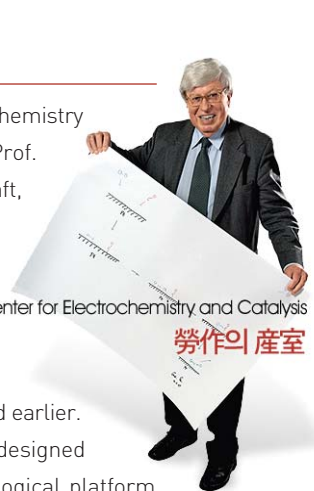
Born in 1936 in Bad Cannstadt, Germany. PhD in Physical Chemistry in 1965 from Technische Universität München, Germany. Prof. Emeritus, Fritz-Haber-Institut der Max-Planck-Gesellschaft, Berlin, Germany.

Ertl has laid the foundation of a scientific discipline through his enormously systematic and thorough studies.

He has often returned to the same problem in surface chemistry decade after decade in order to use new experimental methods to obtain answers to questions posed earlier. His ability to describe in detail how an experiment is to be designed and interpreted has helped him to provide the methodological platform for an entirely new area of research.

Ertl Center for Electrochemistry and Catalysis

勞作的産室



**Managing Scientists : Dr. Markus Eiswirth (FHI) / Prof. Dr. Jaeyoung Lee (GIST)**

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