



# AEPSE

Asian-European International Conference on Plasma Surface Engineering



## Prof. Dr. Masaru HORI

Center for Low-temperature Plasma Sciences,  
Nagoya University, Japan

### ■ Field of Specialization :

Plasma Processing and Diagnostics, Plasma Nano Science, Plasma Materials Engineering, Plasma Medicine and Life Sciences

### ■ Education

1983 M. D., Graduate School of Science and Engineering, Waseda University, Japan

1986 Ph. D., Graduate School of Engineering, Nagoya University, Japan

### ■ Career :

1986-1992 Toshiba Corporation LSI Laboratory  
1992-1999 Assistant and Associate Professor, Nagoya University  
1999-2004 Associate Professor, Graduate School of Eng., Nagoya University  
2004-present Professor, Graduate School of Engineering, Nagoya University  
2009-2013 Director, Plasma Nanotechnology Research Center, Nagoya University  
2014-2019 Director, Plasma Medical Science Global Innovation Center, Nagoya University  
2019-present Director, Center for Low-temperature Plasma Sciences, Nagoya University

### ■ Main Membership of Scientific or Professional Associations :

2012-present Member of Science Council of Japan  
2009-2011 Executive Board Members of The Surface Finishing Society of Japan  
2009-2011 Executive Board Members of The Japan Society of Applied Physics

### ■ Major Scientific Activities :

- Publication of Journal Papers: 533
- Papers and Presentations at International Conferences: 1701
- Invited Lectures at International Conferences: 287
- Papers and Presentations at Domestic Conferences: 1186
- Invited Lectures at Domestic Conferences: 261
- Book Chapters: 29
- Registered patent: 124 (Patent Applications: 357)

### ■ Main Awards :

- 2018 The Plasma Medical Award, The Society of Plasma Medicine, June 22, 2018.
- Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology, April 13, 2010.
- Others: 21