



**The 34th International Symposium on Shock Waves**  
**16-21 July 2023 | Daegu, Korea**

**CURRICULA VITAE**

1. PI	Name	Jiro Kasahara		
	Date of Birth	29 <sup>th</sup> May 1967	Age	54
	Research Institution, Academic Unit (School, Faculty, etc.) & Position	Nagoya University, Department of Aerospace Engineering, Professor		
	Academic Degree:	Dr. of Eng.		

2. Main Research Projects

- [1] The pressure gain mechanism of the self-compression detonation phenomena
- [2] Heat transfer characteristics of the porous cooling wall injector-type rotating detonation engine
- [3] The sounding rocket detonation engines space flight demonstration project

3. Research Careers and Experience

Education:

- 1992 - B. E., Nagoya University, Department of Aeronautics
- 1994 - M. E., Nagoya University, Department of Aeronautical Engineering
- 1997 - Ph. D., Nagoya University, Department of Aerospace Engineering

Academic Career:

- 1997 - JSPS Fellow (PD), Nagoya University
- 1999 - Research Associate, Muroran Institute of Technology, Department of Mechanical System Engineering
- 2003 - Assistant Professor, University of Tsukuba, Department of Engineering Mechanics and Energy
- 2007 - Associate Professor, University of Tsukuba, Department of Engineering Mechanics and Energy
- 2013 - Professor, Nagoya University, Department of Aerospace Engineering

Membership:

- 1) Chair of Space Engineering Committee, Institute of Space and Astronautical Science, Japan Space Exploration Agency (JAXA)
- 2) Member, Japan Society for Aeronautical and Space Sciences (JSASS)
- 3) Member of the Board of Directors, The Institute for Dynamics of Explosions and Reactive Systems (IDERS)
- 4) Associate Fellow, American Institute of Aeronautics and Astronautics (AIAA)
- 5) International Member, Pressure Gain Combustion Technical Committee, American Institute of Aeronautics and Astronautics (AIAA)
- 6) Member, Combustion Society of Japan (CSJ)
- 7) Member, Japan Society of Mechanical Engineers (JSME)