



[Mechanical Engineering](#) > TOMINAGA Akira



TOMINAGA Akira

Organization	Mechanical Engineering
Position	Professor
Academic Title	Doctor(Engineering)
Research Fields	Fluid Engineering

<< Research Subjects >>

1. [Study on Gas-Liquid Two Phase Flow](#)
2. [Effects of a flow Obstacle on Liquid Film Thickness in Upward Gas-Liquid Two-Phase Flow in a Vertical Tube](#)

<< Academic Activities >>

Papers and Notes

1. [Shoji Mori, Akira Tominaga, Tohru Fukano](#) : "On the occurrence of burnout downstream of a flow obstacle in boiling two-phase upward flow within a vertical annular channel", *Nuclear Engineering and Design*, No.237, pp.2240-2249, (2007)
2. [Yutaka MIYAKE, Nobuyoshi KAWABATA, Akira Tominaga, Susumu MURATA](#) : "Two – dimensional Analysis of Stiffness and Damping Factor of Spiral Groove Spherical Bearing", *Bulletin of the JSME*, Vol. 25, No.202, pp.663-670 (1982)

Presentations

1. [Yasusi KAWAKAMI, Akiharu OUSAKA, Akira Tominaga, Tohru Fukano](#): "THE CHARACTERISTICS OF DISTURBANCE WAVE IN VERTICAL AND HORIZONTAL ANNULAR TWO-PHASE FLOW", *Proceedings of International Conference on Multiphase Flows '91-Tokuba*, Vol.1, pp.339-342, Tokuba(Japan), Sep. (1991)
2. [Tohru Fukano, Yasusi KAWAKAMI, Akiharu OUSAKA, Akira Tominaga](#): " INTERFACIAL SHEAR STRESS AND HOLD-UP IN AN AIR-WATER ANNULAR TWO-PHASE FLOW". *Proceedings of The 3rd ASME ·JSME Thermal Engineering Joint Conference*, Vol.2, pp.217-222, (U.S.A.), March 17-22 (1991)
3. [Tohru Fukano, Yasusi KAWAKAMI, Akihiko ITO, Akira Tominaga](#): " Mechanism of the Disturbance Wave Generation in a Vertical Up- and Down-Ward Gas-Liquid Two-Phase Annular Flow", *Transient Phenomena in Multiphase Flow*, HEMISPHERE PUBLISHING, pp.435-452, (Yugoslavia), (1988)
4. [Tohru Fukano, Akira Tominaga, Tarou SAKAMOTO, Eijiro KATOH](#): " EXPERIMENTAL STUDY ON THE FLOW MECHANISM OF A THIN LIQUID FILM FLOWING CONCURRENTLY WITH A HIGH SPEED GAS FLOW IN A HORIZONTAL RECTANGULAR DUCT", *Proceedings of The 2nd ASME ·JSME Thermal Engineering Joint Conference*, pp.351-357, Honolulu(U.S.A.), March 22-27 (1987)