

**International symposium on interfacial fluid dynamics**

at L0016, Tokyo University of Agriculture and Technology  
on October 11th



**Time schedule**

start	finish	time	Speaker	Title
13:00	13:10	10		Opening Remarks
13:10	13:40	30	Prof. Ching-Yao Chen (NCTU)	A diffuse-interface approach of viscous fingering in heterogeneous porous media
13:40	14:00	20	Ms. Reiko Tsuzuki (TUAT)	Influence of chemical reaction decreasing interfacial tension on immiscible viscous fingering
14:00	14:20	20	Mr. Ryuta Suzuki (TUAT)	Hydrodynamic interfacial instability driven by partial miscibility in a fluid displacement process
14:20	14:40	20	Assoc. Prof. Yuichiro Nagatsu (TUAT)	Suppression of viscous fingering instability by a chemical reaction producing gel
14:40	15:00	20	Mr. Shuntaro Arai (TUAT)	Stabilization of miscible viscous fingering by chemical reaction decreasing viscosity
15:00	15:10	10		Break Time
15:10	15:40	30	Assoc. Prof. Manoranjan Mishra (IIT)	Influence of interfacial curvature and density variation on viscous fingering
15:40	16:00	20	Assoc. Prof. Yoshiyuki Tagawa (TUAT)	Supersonic microjets and its medical applications
16:00	16:20	20	Mr. Akihito Kiyama (TUAT)	Effects of cavitation on free surface motion
16:20	16:40	20	Mr. Hajime Onuki (TUAT)	A new device for generating thin jets of highly-viscous liquid
16:40	16:50	10		Concluding Remarks

**Prof. Ching-Yao Chen**



Prof. Ching-Yao Chen is a full Professor at the Department of Mechanical Engineering, National Chiao Tung University (NCTU), one of the leading research universities in Taiwan.

<http://web.it.nctu.edu.tw/~chingyao/>

**Prof. Manoranjan Mishra**



Manoranjan Mishra is Associate Professor at the Department of Mathematics, Indian Institute of Technology, Ropar.

<http://www.iitrpr.ac.in/FD/Home.html>

**Prof. Yoshiyuki Tagawa**



Yoshiyuki Tagawa is Associate Professor at the Department of Mechanical Systems Engineering, Tokyo University of Agriculture and Technology..

<http://web.tuat.ac.jp/~tagawayo/Tagawa.R.G.-Welcome-Eng.html>