

September 9, 2015

Workshop

## Differential Geometry with Dajczer

October 6–7, 2015

### Venue:

Seminar Room **201** (Oct. 6, Afternoon of Oct. 7)  
Seminar Room **213** (Morning of Oct. 7)  
The 2nd Floor of the Main Building  
O-Okayama Campus  
Tokyo Institute of Technology

<http://www.math.titech.ac.jp/map.pdf>  
<http://www.titech.ac.jp/english/maps/index.html>

## Program

### Wednesday, October 6

#### Seminar Room 201:

**14:00–14:40**

**Atsufumi HONDA** (Miyakononojo National College of Technology)  
*Isometric immersions with singularities between space forms of the same positive curvature*

**14:50–15:20**

**Shintaro AKAMINE** (Kyushu University)  
*Causal characters of zero mean curvature surfaces of Riemann-type in the Lorentz-Minkowski 3-space*

**15:40–16:20**

**Hitoshi FURUHATA** (Hokkaido University)  
*Affine differential geometry and surfaces in the projective space*

**16:30–17:10**

**Marcos DAJCZER** (IMPA)  
*Entire unbounded constant mean curvature Killing graphs*

### Thursday, October 7

#### Seminar Room 213:

**10:00–10:40**

**Shoichi FUJIMORI** (Okayama University)  
*Analytic extension of Jorge-Meeks type maximal surfaces in Lorentz-Minkowski 3-space*

**10:50–11:20**

**Keisuke TERAMOTO** (Kobe University)  
*Behavior of principal curvature of wave fronts*

**11:30–12:10**

**Kosuke NAOKAWA** (Kobe University)  
*Isometric deformations of cuspidal edges*

#### Seminar Room 201:

**14:00–14:40**

**Jun-ichi INOBUCHI** (University of Tsukuba)  
*Biharmonic hypersurfaces in symmetric spaces*

**16:30–18:00** —TOKYO TECH GEOMETRY SEMINAR—

**Marcos DAJCZER** (IMPA)  
*A new class of minimal submanifolds*

#### Organizers:

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