

# The Eighteenth

# Takagi Lectures



Teiji Takagi  
(1875-1960)

Date : November 5 (Sat) - 6 (Sun), 2016

Place : Graduate School of Mathematical Sciences, The University of Tokyo



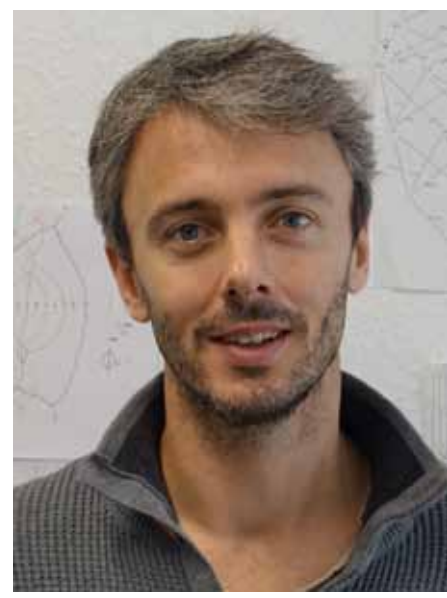
**Ngô Bảo Châu**  
(The University of Chicago)

Two Lectures on  
On Geometry of Arc Spaces, the Hankel  
Transform and Function Equation of  $L$ -Functions



**David Vogan**  
(Massachusetts Institute of Technology)

Two Lectures on  
The Size of Infinite-Dimensional Representations

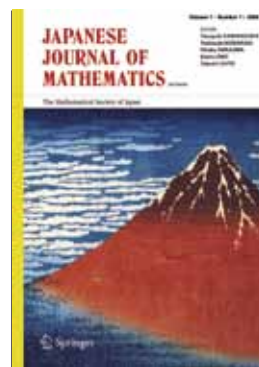


**Geordie Williamson**  
(Max-Planck-Institut für Mathematik)

Two Lectures on  
On the Representation Theory of Algebraic Groups

## ◆ List of Takagi Lecturers

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P. Malliavin ('07), C. Manolescu ('14), D. McDuff ('09),  
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N.A. Nekrasov ('08), H. Oh ('13), H. Ooguri ('08), S. Popa ('13),  
P. Scholze ('14), R. Seiringer ('12), S. Smale ('06), G. Tian ('13),  
A. Venkatesh ('14), A.M. Vershik ('15), C. Villani ('15),  
O. Viro ('08), D.-V. Voiculescu ('07), C. Voisin ('06),  
S.-T. Yau ('15), M. Yor ('07)



 **JAPANESE JOURNAL  
OF MATHEMATICS**  
SINCE 1924

Articles based on the Takagi Lectures  
are to appear in the *Japanese Journal  
of Mathematics* (the official journal  
of Math. Soc. Japan, published by  
Springer).

2-year IMPACT FACTOR: 1.778  
Rank 16 out of 312 in category Mathematics  
in the 2015 Thomson Reuters JCR

5-year IMPACT FACTOR: 1.786  
Rank 12 out of 277 in category Mathematics  
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Japanese Journal of Mathematics

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The Eighteenth Takagi Lectures are partially supported by the ICM 90 Kyoto Fund.