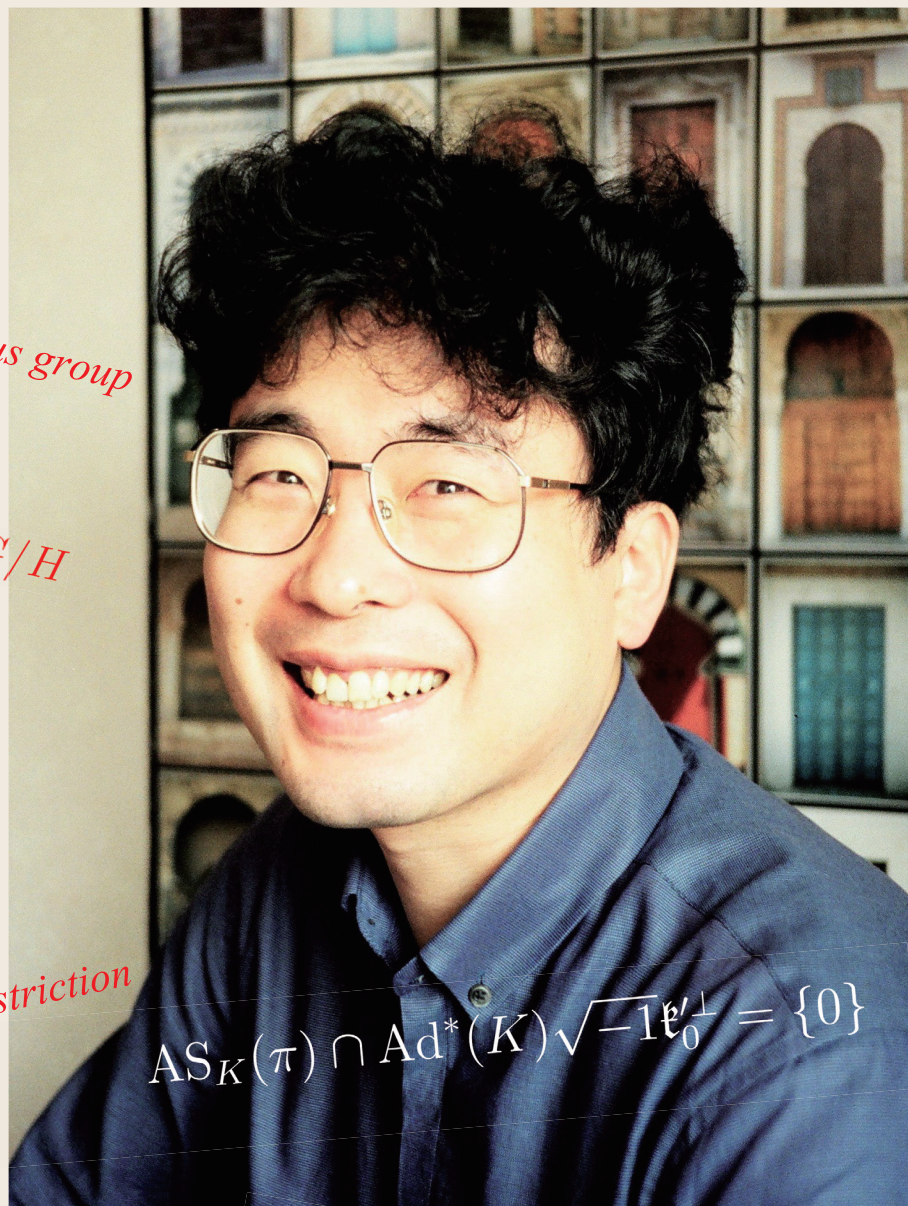


# Geometry, Analysis, and Representation Theory of Lie Groups

Conference  
in honour of  
**Kobayashi's birthday**

## Invited Speakers

Benoist, Yves (Paris-Sud)  
Bergeron, Nicolas (Paris)  
Eastwood, Michael (Adelaide)  
Gindikin, Simon (Rutgers)\*  
Hilgert, Joachim (Paderbom)  
Howe, Roger (Yale)  
Kassel, Fanny (IHES)  
Kobayashi, Toshiyuki (Tokyo)  
Nasrin, Salma (Dhaka)  
Neeb, Karl-Hermann (Erlangen)  
Ono, Kaoru (Kyoto)  
Ørsted, Bent (Aarhus)  
Oshima, Toshio (Josai)  
Paradan, Paul-Emile (Montpellier)  
Pevzner, Michael (Reims)  
Prasad, Dipendra (Mumbai)  
Savin, Gordan (Utah)  
Somberg, Petr (Praha)  
Speh, Birgit (Cornell)  
Vargas, Jorge (Cordoba)  
Wolf, Joseph (Berkeley)  
Zhu, Cheng-bo (NUS)  
\*to be confirmed



*real spherical space* *symmetry breaking operator*

*visible action*

*discontinuous group*

$G/H \rightarrow \Gamma \backslash G/H$

*F-method*

*admissible restriction*

$$\mathrm{AS}_K(\pi) \cap \mathrm{Ad}^*(K) \sqrt{-1} \mathfrak{k}_0^\perp = \{0\}$$

*analysis of minimal reps*

$$\mathrm{Hom}_{L'}(V, \mathrm{Pol}(\mathfrak{n}_+) \otimes W) \widehat{d\pi_\mu(\mathfrak{n}'_+)}$$

$$J_x(T_x S) \subset T_x(H \cdot x)$$

*(k,a)-generalized Fourier transform*

*properness criterion*

5 – 9 September 2022  
The University of Tokyo, Japan

## Organizing Committee

Y. Oshima (Tokyo)  
H. Sekiguchi (Tokyo)  
T. Kubo (Ryukoku)  
T. Okuda (Hiroshima)  
Y. Tanaka (Tokyo)  
M. Kitagawa (Waseda)