

Geometry, Analysis, and Representation Theory of Lie Groups

real spherical space *symmetry breaking operator*

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

visible action

Invited Speakers *discontinuous group*

- Barbasch, Dan (Cornell)
- Benoist, Yves (Paris-Sud)
- Eastwood, Michael (Adelaide)
- Gindikin, Simon (Rutgers)
- Hilgert, Joachim (Paderbom)
- Howe, Roger (Yale)
- Kassel, Fanny (IHES) $G/H \rightarrow \Gamma \backslash G/H$
- Kobayashi, Toshiyuki (Tokyo)
- Neeb, Karl-Hermann (Erlangen)
- Ørsted, Bent (Aarhus)
- Oshima, Toshio (Josai)
- Paradan, Paul-Emile (Montpellier)
- Pevzner, Michael (Reims)
- Prasad, Dipendra (Mumbai)
- Savin, Gordan (Utah)
- Schmid, Wilfried (Harvard)*
- Somberg, Petr (Praha) *F-method*
- Speh, Birgit (Cornell)
- Sun, Binyong (CAS)
- Trapa, Peter (Utah)
- Vargas, Jorge (Cordoba)
- Wolf, Joseph (Berkeley)
- Zhu, Cheng-bo (NUS)
- Zuckerman, Gregg (Yale)*

*to be confirmed

admissible restriction
analysis of minimal reps



$Hom_{L'}(V, Pol(\mathfrak{n}_+) \otimes W)^{\widehat{d\pi}_\mu(\mathfrak{n}'_+)}$

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

(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)