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Altri autori (Persone)	Heiermann, Volkerauthor Prasad, Dipendraauthor
Altri autori (Enti)	Centre national de rencontres mathématiques <France>
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Note generali	"This volume is a panorama of the diverse activities during the Chaire Morlet events organized at the CIRM in Marseille during the first semester of 2016"--Preface, page v
Nota di contenuto	Notes on the geometric Satake equivalence / Pierre Baumann, Simon Riche -- Distinguished representations of reductive p-adic groups / Fiona Murnaghan -- Period integrals of automorphic forms and local distinction / Omer Offen -- The trace formula and the proof of the global Jacquet-Langlands correspondence / A.I. Badulescu -- Distinction of representations via Bruhat-Tits buildings of p-adic groups / Paul Broussous -- Towards generalized prehomogeneous Zeta integrals / Wen-Wei Li -- Functoriality and the trace formula / James Arthur -- Sur les paquets d'Arthur des groupes classiques et unitaires non quasi-déployés / Colette Moeglin, David Renard
Sommario/riassunto	This volume presents a panorama of the diverse activities organized by V. Heiermann and D. Prasad in Marseille at the CIRM for the Chaire Morlet event during the first semester of 2016. It assembles together

expository articles on topics which previously could only be found in research papers. Starting with a very detailed article by P. Baumann and S. Riche on the geometric Satake correspondence, the book continues with three introductory articles on distinguished representations due to P. Broussous, F. Murnaghan, and O. Offen; an expository article of I. Badulescu on the Jacquet-Langlands correspondence; a paper of J. Arthur on functoriality and the trace formula in the context of "Beyond Endoscopy", taken from the Simons Proceedings; an article of W-W. Li attempting to generalize Godement-Jacquet theory; and a research paper of C. Mœglin and D. Renard, applying the trace formula to the local Langlands classification for classical groups. The book should be of interest to students as well as professional researchers working in the broad area of number theory and representation theory
