

**Contents**

Preface to the ninth Takagi Lectures (by T. Kobayashi)	i - iii	
Program	iv	
	★ ★ ★	
S. Brendle	Evolution equations in Riemannian geometry	1 - 15
C. E. Kenig	Critical nonlinear dispersive equations: global existence, scattering, blow-up and universal profiles	17 - 41
	★ ★ ★	
Appendix		43 - 52

**The Ninth Takagi Lectures**  
4 June 2011, Kyoto

**Organizing Committee**

Y. Kawahigashi

The University of Tokyo

T. Kobayashi

The University of Tokyo

H. Nakajima

RIMS, Kyoto University

K. Ono

Saito University

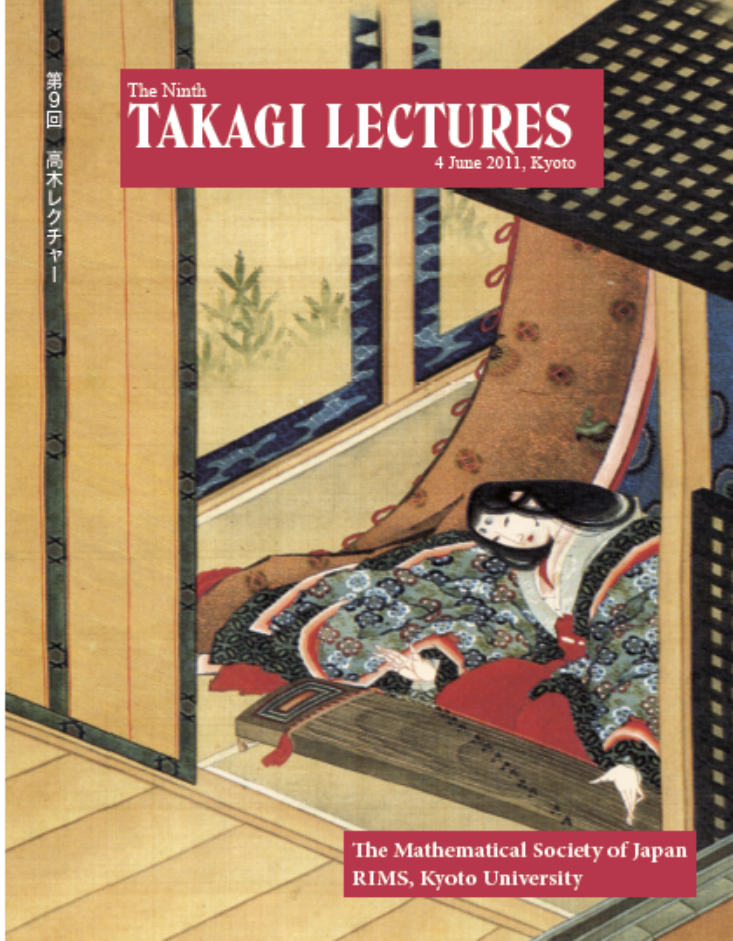
T. Saito

The University of Tokyo

The Ninth

# TAKAGI LECTURES

4 June 2011, Kyoto



The Mathematical Society of Japan  
RIMS, Kyoto University