



SESSION CLPL 2

TITLE	Experimental research on principles and mechanisms of chemiluminescence	
CHAIRMANS	1	Wilhelm J. Baader Brazil
	2	Alexei V. Trofimov Russia
ABSTRACT	<p>This session should be attended by the colleagues, which are interested in all kinds of experimental research on the fundamental mechanisms of CL and BL transformations. Therefore it may include (i) the unimolecular and catalysed decomposition of cyclic peroxides; (ii) the induced decomposition of 1,2-dioxetanes and similar peroxides; (iii) development of new CL labels; (iv) synthesis and CL studies of new peroxides; (v) development of new CL assay principles; (vi) peroxyoxalate and related CL transformations; (vii) CL studies on BL model compounds; (viii) theoretical calculations on CL.</p>	
KEYWORDS	chemiexcitation; mechanism; kinetics; cyclic peroxides; quantum yields.	