

Contribution Title:	ABSTRACT POLYMER GAS WITH ATTRACTIVE PAIR INTERACTIONS
Authors:	A. Procacci
Presenting author:	Procacci A.
Affiliation:	UFMG Belo Horizonte
E-mail:	aldo@mat.ufmg.br
Invited speaker:	
YRS seminar:	NO

Two convergence criteria of cluster expansion for abstract polymer gases with general pair interaction (i.e. not necessarily repulsive and not necessarily hard-core) are presented. The first one it is a generalization of the Kotecký-Preiss criterion for stable pair interactions The second one is a generalization of the new criterion given in [Fernandez and Procacci,,: Comm. Math. Phys. 274 (2007)].