Year *		Objectives	Activities	Realization degree
2007	1	Small objects in subcategories	Seminar: *Self-small groups* (S. Breaz). Research: The characterization of rank 1 self-small groups using invariants. Constructions of big self-small groups. Research: Small objects in subcategories. Connections between properties of some subcategories and their small objects.	Total
	2	Equivalences and dualities between some subcategories.	Seminar: *Projective classes in abelian and triangulated categories* (G. C. Modoi). Research: Dualities between abelian/triangulated categories. Dissemination.	Total
2008	1	(Co)Torsion theories	Seminar: *Derived functors and Mittag-Leffler condition*. (Flaviu Pop) Research: Mittag-Leffler type conditions in semi-abelian categories. Research: Objects which (co)generate the same (co)torsion theory.	Total
	2	Small objects in subcategories.	Seminar: S*lender rings and generalizations* (C. Contiu). Research: The characterization of those subcategories in which all small objects are finitely generated. Dissemination	Total
	3	Equivalences and dualities between some subcategories.	Seminar: *Equivalences and dualities induced by adjoint functors* (S. Breaz) Seminar: *Derived equivalences, stable equivalences and tilting complexes*. (F. Pop) Research: *Closure properties of some subcategories induced by adjoint functors* Dissemination.	Total
2009	1	(Co)Torsion theories	Seminar: *AB-conditions in various categories* (F. Pop). Research:The exactness of the colimits of Mittag-Lefler sequences. Dissemination.	Total
	2	Homological algebra in non-standard contexts	Seminar: *The existence of derived functors in semi-abelian and Barr-exact categories* (C. Contiu) Seminar: *Torsion theories in preadditive categories* (S. Breaz). Research: *Cotorsion theories in semi-abelian or Barr-exact categories*.	Total
	3	Equivalences and dualities between some subcategories.	Seminar: *Brown representability theorem* (C. G. Modoi). Research: Can we extend an equivalence between two subcategories to the whole categories? Dissemination	Total
2010	1	Homological algebra in non-standard contexts	Seminar: *Purity in abelian and trinagulated categories* (C. G. Modoi). Research: A functorial characterization for purity in trinagulated categories. Dissemination	
	2	(Co)Torsion theories	Research: *Some steps for Telescope Conjecture* (S. Breaz) Research: (Co)Torsion theories in Barr-exact categories Dissemination.	