The LPRE invites collaborationswith industrial firms and government agenciesinterested in utilizingthe expertise available in the Laboratory. A number of industry

interactions have been developed. Several contract agreements are in place and a number of new applications are currently pending. Technology transfer agreements can be developed on a case-by-case basis. Currently, the following industry-laboratory collaborations are in progress:

Mathematical modeling of the BORSTAR fluidized
 Theoretical and experimental investigation of
 (SOLVAY S.A.).
 Modeling and simulation of vinylidene fluoride
 bed reactor (BOREALIS).
 emulsion polymerization of VCM
 polymerization in supercritical

carbon dioxide (SOLVAY S.A.)
- Theoretical and experimental investigation of suspension polymerization of

VCM (ATOFINA).
 Modeling of particle size distribution and rheological properties of acrylic latexes in emulsion polymerization reactors (ATOFINA).

- Modelling and simulation of vinylidene fluoride batch emulsion polymerization (ATOFINA)

- Mathematical modelling of high pressure ethylene - vinyl acetate tubular reactors (SPA/ DUPONT)

- Confinement of selected actives into novel microencapsulation systems (HENKEL)