1019-35-170   **Doina Cioranescu**, , France, **Georges Griso**, , France, **Alain Damlamian**, , France, and **DANIEL ONOFREI*** (`onofrei@wpi.edu`), WORCESTER, MA 01609. *THE UNFOLDING METHOD FOR PERFORATED DOMAINS.* Preliminary report.

In this talk we will present how the Unfolding Method developed by Cioranescu, Damlamian and Grisso applies to the homogenization problems in perforated domains, with periodically distributed perforations. We consider Dirichlet boundary conditions for the perforations although other bopundary conditions can be similarly analized. (Received August 14, 2006)