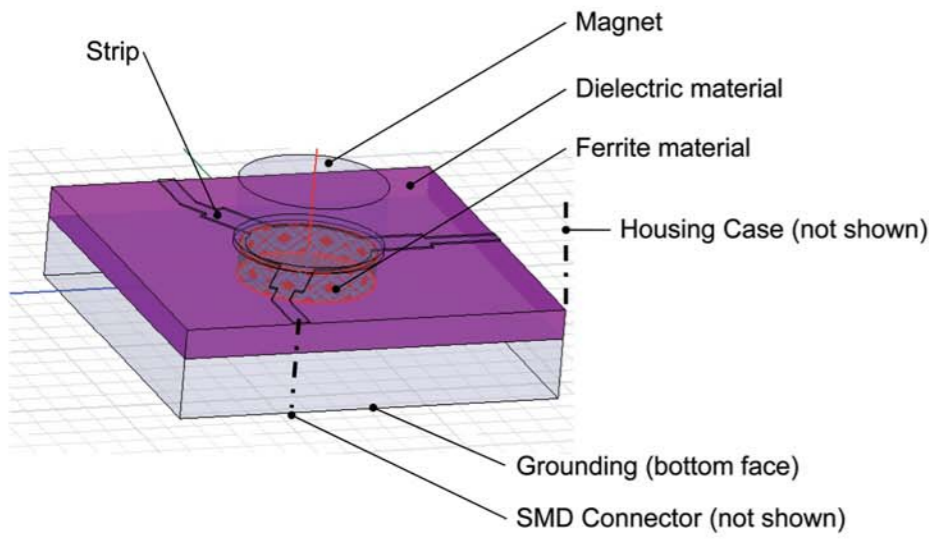


EURIPIDES Forum 2010 in Paris

September 30th – October 1st, 2010 in Paris

IMICIMO

Integrated Miniature Circulators
for microwave Modules



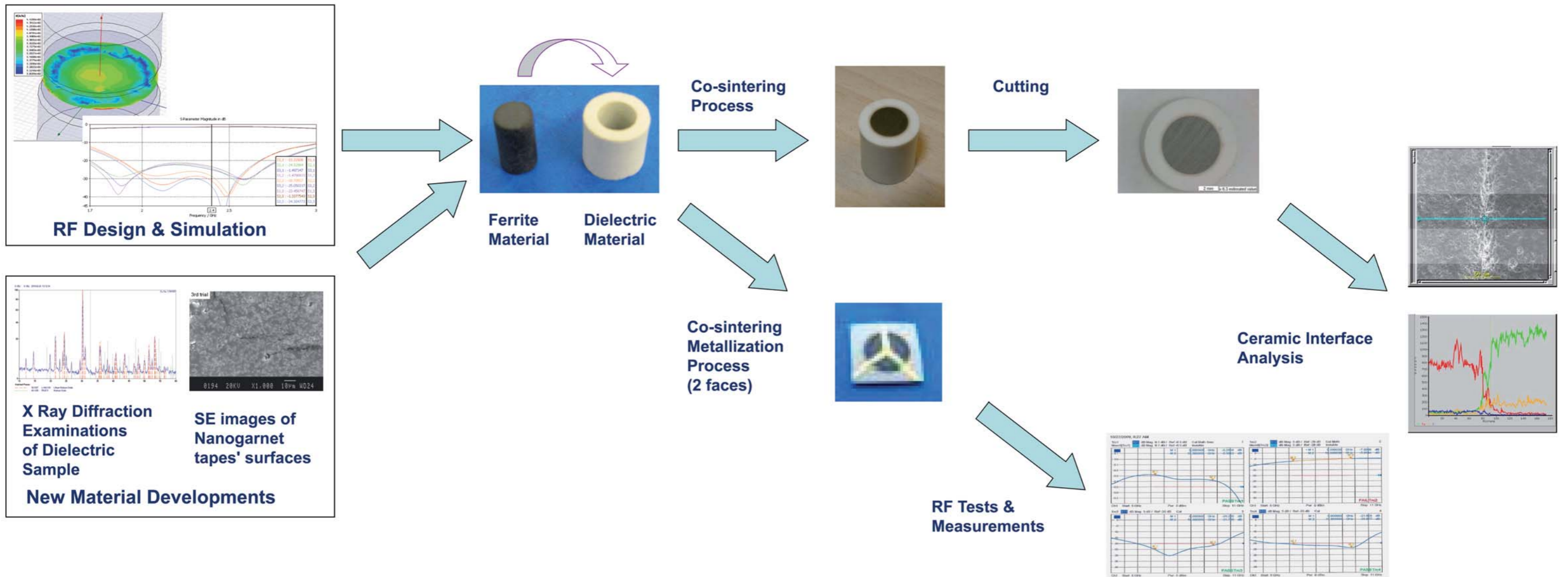
**Circulator Design Simulation
with Co-sintered Materials**

Targets:

- ◆ New materials and manufacturing technologies for microwave ferrite circulators and isolators
 - Reduction of the device size, weight and cost
 - Facilitate integration and packaging in mobile telecommunication equipment of new generation
 - Low cost and high volume reproducibility

- ◆ Low temperature co-fired systems (LTCC) for low cost, multi-layer ferrite device structures, integration of ferrite devices with active semiconductor and/or advanced microwave interconnection and packaging techniques for future large volume mm-wave applications.

- ◆ Set up an high-efficiency European supply chain of microwave ferrite components



Fields of Application: Microwave Transmit/Receive modules for Radars and Telecom applications

Duration: 36 months

Partners:

	Cobham Microwave	France
	Thales Research & Technologies	France
	Thales Systèmes Aéroportés	France
	LABORATORY of Sciences and Technologies for Information, Communication and knowledge (Lab-STICC UMR CNRS 3192)	France
	Temex Ceramics	France
	TKI-Ferrit Development and Manufacturing Ltd.	Hungary
	Budapest University of Technology and Economics	Hungary
	Pro Patria Electronics	Hungary
	Jožef Stefan Institute	Slovenia
	Keko Equipment	Slovenia
	Telecommunication Research Institute (PIT)	Poland

