

# 2010 Design Contest UMC L90N MM/RF

The EUROPRACTICE IC Service stimulates Universities and Research Institutes to design advanced mixed-signal RF circuits.

This design contest is organized two times in 2010 in cooperation with UMC, who is sponsoring the fabrication of the winning design of each submission.

The EUROPRACTICE IC Service is organizing low-cost prototyping fabrication through mini@sic MPW runs in UMC 90nm MM/RF technology.

## 2010 deadlines for submission : 1 May, 15 August 2010

The winning design will be prototyped free of charge on a mini@sic run in 2010 (maximum die size for each submitted design is 1875 x 1875  $\mu\text{m}^2$ ).

For each of the submission dates, there will be selected one winning design. Winners will be informed two weeks after the submission dates.

## How to submit your design for the design contest ?

- Format is free, but to be submitted as one PDF document
- Minimum :
  - Name of authors and affiliate
  - Description of the design and application
  - What is new in the design and why is 90nm needed
  - Specifications and simulated results
  - Layout in A5
- Maximum : 2 pages A4 including the A5 layout picture
- Email submissions to : [das@imec.be](mailto:das@imec.be)