



Thursday, 13 March 2008

SALA BARBARA

5° Palazzo Uffici - Eni E&P division

Via Emilia 1

SAN DONATO MILANESE

16:30

MULTIPHASE TECHNOLOGY: TEN YEARS OF EXPERIENCE OF A SPIN-OFF COMPANY

By P. Andreussi – University of Pisa & TEA Sistemi

➤ ABSTRACT

In the last 25 years it has become increasingly clear to the Oil and Gas Industry that Multiphase Production Technology allows the economical and safe exploitation not only of marginal subsea fields, but also of significantly large, on shore reservoirs.

The development of MPT requires an intense research activity to be carried out. Among the results of this activity, one can mention the Multiphase Pumps, the Multiphase Flow Meters, the Subsea Process Equipment.

The cooperation of TEA Sistemi, a spin-off company of the University of Pisa, with the upstream industry led to significant results. This lecture will highlight and present some of these results:

- Flow assurance studies based on the use of advanced flow models.
- Development of Multi-Phase flow meters.
- Analysis of major ruptures of gas-liquid pipelines.

➤ BIOGRAPHY

Paolo Andreussi is professor of Fluid Mechanics and Environmental Impact Assessment at the University of Pisa. He holds a degree in Chemical Engineering and he has been visiting Professor or visiting Scientist at the Universities of Illinois, Trondheim, Oslo and at Harwell, UK. He has produced more than 100 scientific papers in the field of Multiphase Flow, Combustion, Safety and Environmental Engineering.

In 1990 he founded Centro TEA, a research centre associated with the University of Pisa. In 1998 Centro TEA became a research company, TEA Sistemi SpA.

Anniversary

TEA Sistemi started its activities at the beginning of 1998 and now celebrates its first 10 years anniversary.

At the end of the lecture, the Italian Section of SPE is pleased to invite all participants to a Wine Tasting Event sponsored by TEA Sistemi on the theme:

“FIVE GREAT RED WINES PRODUCED IN TUSCANY IN 1998”