

**HETEROGENEOUS PHOTOCATALYSIS : WATER PHOTODECOMPOSITION
NITROGEN FIXATION AND CARBON DIOXIDE REDUCTION**

KIRTHI TENNAKONE

**INSTITUTE OF FUNDAMENTAL STUDIES
HANTANE ROAD, KANDY, SRI LANKA.**

Heterogeneous photocatalytic systems for photodecomposition of nitrogen and reduction of carbon dioxide are discussed. The emphasis will be on development of cyclic model systems.