

## **Developments of indirect evaporative cooler and its applications**

Kyaw Thu

Indirect evaporative coolers (IECs) are capable of bringing the air to well below its wet bulb, close to the dew point temperature. Recent studies showed that the indirect evaporative coolers might hold the key for the significant energy savings in the air-conditioning industry. Another salient feature of the cycle is the air saturation. The major limitation of the IECs is the requirement of the dry air (with low moisture content), while they cannot be employed for heating the air. In this talk, we will discuss the developments of IECs and their applications.