



**UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA**

**SCUOLA DI DOTTORATO  
IN BIOSCIENZE E BIOTECNOLOGIE  
INDIRIZZO DI  
BIOCHIMICA E BIOFISICA**

**SHORT COURSE ON**

**“ALGAL ENERGY PRODUCTION: ENZYMES, ORGANISMS,  
METABOLISM AND PATHWAY ENGINEERING”**

Docente: **Prof. Matthew C. Posewitz**

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**Complesso Vallisneri,**

**15-19 Novembre, 2010**

**ore 14.30 - 16.15**

**aula F piano rialzato**

**Programma del corso:**

- 1) algal physiology and photosynthesis
- 2) hydrogenases and hydrogen production
- 3) lipid metabolism and biodiesel production
- 4) starch metabolism and fermentation