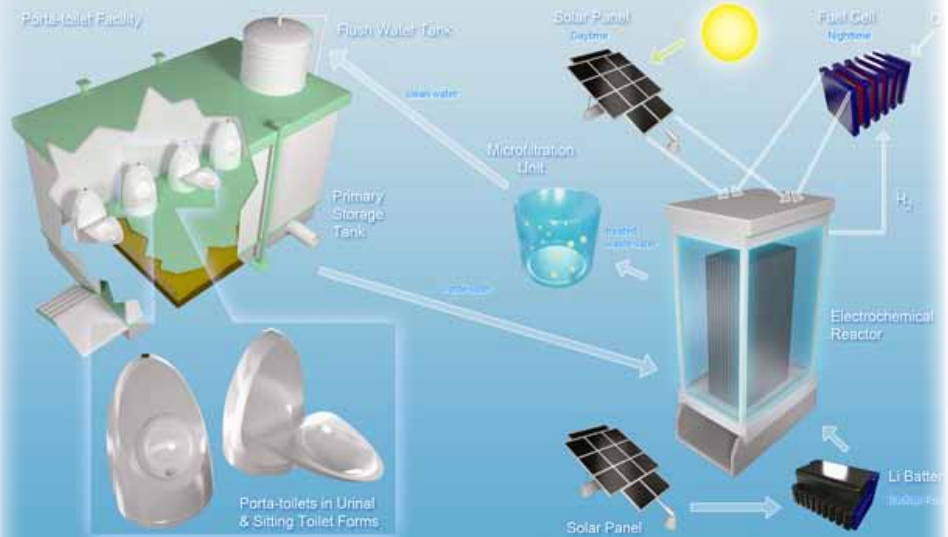




Presenter:

**MICHAEL HOFFMANN**

James Irvine Professor of Environmental Science  
California Institute of Technology



# Reinventing the Toilet

Credit: Brian Lee, Caltech

Can we revolutionize toilets and wastewater treatment to help those who lack access to adequate sanitation? Is it science fiction or science fact? Caltech Professor Michael Hoffmann will discuss his team's cutting-edge, solar powered processing system designed to bring toilets and sanitation to the 2.6 billion people who need it.

In 2011 the Bill & Melinda Gates Foundation awarded Dr Hoffmann \$400,000 to design and build a prototype. The system cleans wastewater and turns residuals into reusable energy. The design also needs to be easy and affordable to install and maintain.

The Gates Foundation's "Reinvent the Toilet" challenge is just one of several races among hundreds of inventors to develop new sanitation systems for the developing world. The Foundation is investing millions of dollars in technology challenges and policy research.

Dr. Hoffmann is a member of the National Academy of Engineering and the 2003 recipient of the Water Environment Federation's Jack Edward McKee Medal

\$35 CWEA member; \$40 non-member; \$20 student/retiree



**6:00PM • Thursday, April 26th • El Portal, Pasadena**

## Dinner

Buffet dinner with salad, chicken and beef fajitas, enchiladas, rice, beans and tortillas.

Coffee and flan for dessert.

## RSVP

RSVP by 4/20 please:

**Click Here**

or email Alec Mackie  
alecm@jwce.com  
or call (714) 428-4614

## Location

**El Portal Restaurant**

695 East Green Street  
Pasadena, CA 91101  
(626) 795-8553

