

## **Session Program**

**3-7 Jun 2018**



# **2018 IEEE International Power Modulator and High Voltage Conference**

## ***Oral 2 - Biomedical & Environmental Applications***

Jackson Lake Lodge, Jackson Lake Lodge  
101 Jackson Lake Lodge Road, Jackson Lake Lodge, Moran, WY 83013 Phone: (307) 543-3100

Monday 4 June

10:00

Oral 2 - Biomedical & Environmental Applications

Session | Location: Wrangler/Prospector/Homesteader

10:00-10:15

Real-Time Conductivity Measurements of Mammalian Cell Suspension during Nanosecond Electric Pulse Trains

Speaker

Andrew Fairbanks

10:15-10:30

Nanosecond and Microsecond Pulsed Electric Field Treatment of Microalga *Chlorella protothecoides* for Increased Lipid Extraction

Speaker

Caleb Geissler

10:30-11:00

Pilot study of ex vivo platelet activation using variable added calcium and electric pulse parameters: Growth factor release and clotting features

Speaker

Allen Garner

11:15-11:30

A new type of composite pulse generator based on variable load

Speaker

Qiang Ke

11:30-11:45

Ablation enlargement by combining short high-voltage pulses with long low-voltage pulses

Speaker

Mr Yanpeng Lv

12:00