

Anonymous Attendee

How would you comment the effect of air property change when it is heated up and passed through by electrical currents?

Alina LaPotin

Thank you for the very interesting presentations. I have a question for Andrej on the measurement of efficiency. Is the efficiency measurement done at the full intensity at the emitter temperature or is it some percentage of the full intensity for your spectrum?

Muhammad Taha Manzoor

Just a general query, can an emitter be designed to emit only in the desired wavelengths?

Anonymous Attendee

To Jared: Why is the temperature of the collector is ignored in thermionics performance calculations? Doesn't it cause back-emission if too high?

Linxiao Zhu

Thanks for the exciting presentations! This is Linxiao Zhu from Penn State. I have a question on the combination of thermionics and thermophotovoltaics. Would the electron bombarding in thermionic operation lead to material degradation on the PV cell?

Anonymous Attendee

Question to Andrej: Nice talk. Can you explain a little about how you selected the thickness of the air gap (rationale behind)? Can your technique make a smaller thickness without worrying about accidental touch?

Anonymous Attendee

Question to Jared: I am wondering how important the lead loss would be in a practical thermionics system.

Nima Talebzadeh

What is the key point to have a less expensive TPV system to be successful in the market?

Bikram Bhatia

Would it be possible for each of the panelists to comment on the economics and most likely first application of their technologies?

Anonymous Attendee

What are the "topping cycle" possibilities for these technologies?

Terry Hendricks

Why is limitations of lower power density not a fundamental limitation of this energy conversion technology?

Terry Hendricks

The thermal sides of all energy conversion technologies are the driving limitations in almost all applications.