



Humanitarian  
**ENGINEERING**  
SOCIAL JUSTICE COMMUNITY SUSTAINABILITY  
COLORADO SCHOOL OF MINES



## Shultz Family Leadership in Humanitarian Engineering Speaker Series

### Guest Speaker: Dr. Paul Polak

Dr. Paul Polak is Founder and CEO of Windhorse International and Paul Polak Enterprises, two corporations that will serve as a platform for the formation of a new frontier multinationals. Dr. Paul Polak is starting these new social ventures with the mission of inspiring and leading a revolution in how companies design, price, market and distribute products to benefit the 2.6 billion customers who live on less than \$2 a day, combining radically affordable technology with radically decentralized supply chains to earn profits serving bottom billion customers.



Prior to founding Windhorse International and Paul Polak Enterprises, Dr. Polak founded D-Rev: Design Revolution, a non-profit design incubator for technologies that serve customers living on less than \$2 a day. In 1981, Dr. Polak founded International Development Enterprises (IDE), a non-profit organization that has brought nearly 20 million of the world's poorest people out of poverty by making radically affordable irrigation technology available to farmers through local small-scale entrepreneurs, and opening private sector access to markets for their crops.

## Prescriptions for Helping Poor People Help Themselves: What Engineers Need to Know

How can engineers design and work towards alleviating poverty by shifting their perspective of those in living in poverty? How would engineering design look like if we see the poor as viable customers instead of helpless victims? Through novel entrepreneurship, we can create mutually beneficial, revolutionary business models that provide unique and sustainable solutions for addressing poverty.

**5pm Tuesday**  
**September 20<sup>th</sup>**  
**Green Center Metals Hall**