**BEYOND CENTER ‘CANCER FORUM’ WORKSHOP**

***Mitochondria, metabolism and cancer***

**Arizona State University**

**March 21 - 23, 2012**

**Agenda**

**Wednesday March 21: Informal overlap day with workshop on the electromagnetic properties of cells**

9:00 – 10:30 am General discussion

10:30 – 11:00 *Tea/coffee break*

11:00 – 12:30 Tour of Biodesign Institute

12:30 – 2:00 pm *Lunch*

2:00 – 4:00 General discussion

6:00 – 7:30 Informal reception, Tempe Mission Palms patio

**Thursday March 22**

**Location: Tempe Mission Palms Hotel**

9:30 – 9:45 am Paul Davies

 Brief welcome address, outline of the subject and aims of the meeting

9:45 – 10:30 Eric Schon

“Natural history of mitochondria”

10:30 – 11:00 *Tea/coffee break*

11:00 – 11:45 pm Shirley Taylor

 "Silencing mitochondrial genes"

11:45 – 12:30 General discussion

12:30 – 2:00 pm *Lunch*

2:00 – 2:45 Werner Koopman

 “Mitochondrial dynamics”

2:45 – 3:30 Evangelos Michelakis

 “Effects of chronic hypoxia on cellular electrophysiology”

3:30 – 4:00 *Tea/coffee break*

4:00 – 5:00 General discussion

**Friday March 23**

9:15 – 10:00 am Tom Seyfried

 “Cancer as a metabolic disease”

10:00 – 10:30 Discussion

10:30 – 11:00 *Tea/coffee break*

11:00 – 11:45 David Stowe

 “Bioenergetics”

11:45 – 12:30 pm Discussion

12:30 – 2:00 *Lunch*

2:00 – 2:45 TBA

2:45 – 3:30 Sidney Hecht

 “Clinical implications”

3:30 – 4:00 Discussion

4:00 – 4:30 *Tea/coffee break*

4:30 – 5:30 General discussion or additional presentation

5:30 pm *Formal meeting ends*