

THE WORLD MOLECULAR ENGINEERING NETWORK

***** EXAMPLE FOR PRINCIPAL SPEAKER *****

KUHN

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Overview: My research focuses on structural proteomics of whole organisms and disease specific applications of proteomics technologies. We are developing, implementing and applying high-throughput biophysical chemistry methods using a transdisciplinary approach of inventing new technologies using advanced engineering and computer science to address specific problems in the life sciences.

Presentation: We have developed a new approach to measuring protein-protein interactions using a high-throughput calorimetry technology with minimal sample requirements. The initial concept was validated with test measurements of protein ligand binding, enzyme digest and organelle activity. The application of this approach in proteomics research will be explored over the coming year and will be presented at the next Cabo meeting.

Impressions of the meeting:

Location: Excellent

Number of participants: Excellent

Length of meeting: Just right

The size of the meeting this year was perfect. The small size provided a perfect basis for interaction amongst all participants. The presentations were of very high quality throughout and in particular those who departed from the standard conference presentation. The meeting provides an excellent forum for discussion and fostering of new ideas and collaborations.