

## **Abstract 2**

### **Clustered Water and Bio-signal Networks – an Emerging Area for Systems, Man and Cybernetics Research**

The Meridian system conceived by the ancient Chinese has been described and referenced for thousands of years. We previously proposed a hypothesis that it might be a bio-signal network via the cluster water-wire. Such wire is not only a good carrier for energy and nutrition, but also proton or electron resonant frequency signals. The foundation is that cluster water (CW) may have certain memory-holding properties. To measure the frequency signals in water directly, we performed a series of resonant frequency imprinting studies using Quantum FAFA equipment. The resonant frequency valley of CW is found to be significantly different from that of distill water (DW). In another experiment, we used regular CW as the reference, while another CW was imprinted with additional low frequency signal. The result shows that several new resonant frequency peaks have been detected in the new imprinted CW compared with non-imprinted CW control. We believe that the research may open a novel way to tackle the mystery of the Meridian system and related bio-signal networks. Application of rich systems engineering theory to complex biological systems and network seems very promising.