***Abstract Template***

<Title> Softcomputing Technology Facilitating the Modeling of Nonlinear Systems

<Subtitle, if necessary> ― Fuzzy, Neural, Chaotic and Genetic Systems ―

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<Key Words>

**KEYWORDS :** fuzzy sets, fuzzy logic, fuzzy inference, neural networks, learning, chaos, nonlinear dynamical systems, genetic algorithms, evolutionary computation.

<Potential Fusion or Applications>

**POTENTIAL FUSION WITH OR APPLICATION TO :**

Traditional Agriculture (TA), Biotechnology (BT), Plasma Electronics (PE), Information Communication Technology (ICT), Food Science (FS).

<Abstract (less than 2000 characters)>

**ABSTRACT :**

 The amount and the season of picking of the agricultural product is significantly affected by the weather, temperature, nutritive substance, cropping, protection from insects, etc. That is also the case for stock farming, fishery industry and forest industry. In the food processing and stockpiling, freshness and daintiness are affected by processing condition and preservation technique. The electric power of plasma or the pulse power, pulse width, frequency and environment condition decisively affect the multiplication or the extinction of biological cells, ・・・・・・

Category of Presentation <leave only one in the following>

Ordinary Talk, Poster/Demonstration.

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