



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA



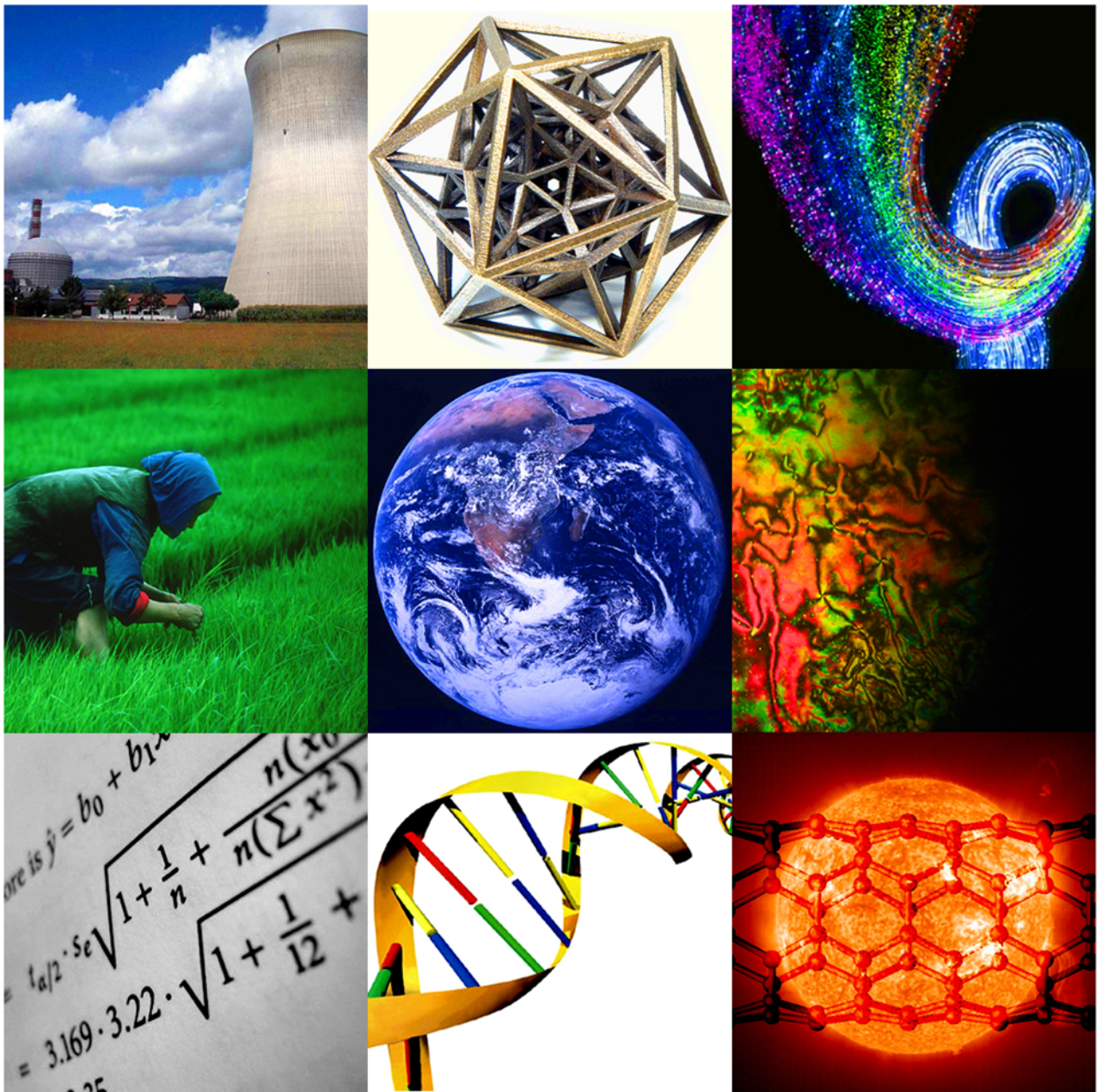
# PROCEEDINGS

OF THE JOINT CONFERENCE

Second International Conference and Workshops  
on Basic and Applied Sciences  
& Regional Annual Fundamental Science Seminar 2009

2<sup>nd</sup> - 4<sup>th</sup> June 2009

The ZON Regency Hotel, Johor Bahru, Malaysia



**BIOLOGY**

volume  
**IV**

Explorations Through Science and Mathematics