



Industrial and Financial Mathematics Group  
Faculty of Mathematics and Natural Sciences  
Institut Teknologi Bandung

**siam**

# Certificate of Presentation

This is to certify that

**WIKARIA GAZALI**

has successfully attended  
and presented the paper entitled

**Optimization Model of Patterns Placement  
on a Piece of Cloth**

in the **9<sup>th</sup> East Asia Siam Conference (EASIAM)**  
**2<sup>nd</sup> Conference on Industrial and  
Applied Mathematics (CIAM)**  
**Bandung, Indonesia, June 18-20, 2013**

**Bandung, 18 June 2013**

**Dr. Agus Yodi Gunawan**  
Chair

**Prof. Ming-Chih Lai**  
The President of East Asian SIAM

9<sup>th</sup> EASIAM

2<sup>nd</sup> CIAM