

# Journal of Information Assurance and Security

Volume 1, Issue 2, June 2006

---

## CONTENTS

|                                                                                                                                               |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>Lakshmi Santhanam, Anup Kumar and Dharma P. Agrawal</b><br>Taxonomy of IP Traceback                                                        | 79  |
| <b>Weiliang Zhao and Vijay Varadharajan</b><br>Fair Online Gambling Scheme and TTP-free Mental Poker Protocols                                | 95  |
| <b>Valentina Casola , Luigi Coppolino and Massimiliano Rak</b><br>An Architectural Model for Trusted Domains in Web Services                  | 107 |
| <b>Debra L. Cook and Angelos D. Keromytis</b><br>Conversion Functions for Symmetric Key Ciphers                                               | 119 |
| <b>Bharat B. Madan, Shashi Phoha and Kishor S. Trivedi</b><br>Stack Overflow Fence: A Technique for Defending Against Buffer Overflow Attacks | 129 |
| <b>Mathieu Jaume, Charles Morisset</b><br>A formal approach to implement access control models                                                | 137 |
| <b>Yu Yu, Jussipekka Leiwo, and Benjamin Premkumar</b><br>How to Privately Utilize Untrustworthy Computing Power                              | 149 |