

Keywords for papers

주어진 논문들의 키워드들을 정리한 파일입니다.

※ 주의: 다음 논문들은 세종대학교 정보보호학과 박기웅 교수님의 사용 허락을 받아 쓴 내용입니다.

International Journal

- [J21] Multi-Targeted Adversarial Example in Evasion Attack on Deep Neural Network
 - keywords : Deep neural network(DNN), evasion attack, adversarial example, machine learning
- [J20] Friend-safe Evasion Attack: an adversarial example that is correctly recognized by a friendly classifier
 - keywords : Deep neural network(DNN), evasion attack, adversarial example, covert channel, machine learning
- [J19] Advanced Ensemble Adversarial Example on Unknown Deep Neural Network Classifiers
 - keywords : adversarial example, neural networks, ensemble adversarial example, machine learning
- [J18] Estimating the Residence Registration Numbers of People in Korea, Revisited
 - keywords : resident registration number, web service attacks, personal information security, information security
- [J17] Efficient Machine Learning over Encrypted Data with Non-Interactive Communication
 - keywords : Privacy-preserving classification, Fully homomorphic encryption, Applied cryptography, Security
- [J16] Energy-Efficient Hosting Rich Content from Mobile Platforms with Relative Proximity Sensing
 - keywords : energy-efficiency, mobile communication, proximity sensing, mobile platform, content hosting
- [J15] OPERA: A Complete Offline and Anonymous Digital Cash Transaction System with a One-Time Readable Memory
 - keywords : offline digital payment, digital cash
- [J14] Doc-Trace: Tracing Secret Documents in Cloud Computing via Steganographic Marking
 - keywords : data traceability, cloud computing
- [J13] An efficient stream cipher for resistive RAM
 - keywords : RRAM (resistive RAM), embedded system, Trivium, data encryption, stream cipher
- [J12] TEAM : Virtual Synchronized File-based Transparent and Privacy-Enhanced Storage System
 - keywords : privacy protection system, file access control, file virtualization
- [J11] A Fully Persistent and Consistent Read/Write Cache using Flash-based General SSDs for Desktop Workloads
 - keywords : Secondary storage
- [J10] MalCore: Toward a Practical Malware Identification System Enhanced with Manycore Technology
 - keywords : 존재하지 않습니다.
- [J9] Parity Resynchronization using a Block-level Journaling for SoftwareRAID

- keywords : Secondary storage, Fault tolerance
- [J8] SPONGE: Tangible Device for M2M Data Collection in a Trusted Manner
 - keywords : Machine to Machine (M2M) Communication, User Interface, Trusted Platform Module (TPM)
- [J7] Reference Pattern-Aware Instant Memory Balancing for Consolidated Virtual Machines on Manycores
 - keywords : Memory balancing, virtualization, consolidated, VM, reference pattern
- [J6] Microscopic Bit-Level Wear-Leveling for NAND Flash Memory
 - keywords : 존재하지 않습니다.
- [J5] Adaptive Wear-Leveling Algorithm for PRAM Main Memory with a DRAM Buffer
 - keywords : Adaptive wear-leveling, PRAM main memory, DRAM buffering, swapping and shifting, PIN-based simulator
- [J4] THEMIS: A Mutually Verifiable Billing System for the Cloud Computing Environment
 - keywords : Records, verification, transaction processing, pricing, and resource allocation
- [J3] ACCENT: Cognitive Cryptography Plugged Compression for SSL/TLS-Based Cloud Computing Services
 - keywords : Communication system security, compression, cryptography, SSL/TLS
- [J2] Efficient Page Caching Algorithm with Prediction and Migration for a Hybrid Main Memory
 - keywords : Page Cache, Hybrid Main Memory, PRAM, Migration
- [J1] Computationally Efficient PKI-Based Single Sign-On Protocol, PKASSO, for Mobile Devices
 - keywords : Authentication, access controls, public key cryptosystems

International Conference

- [C44] Applying Time-Lapse Concepts onto Storage System for Long-Term System Trace Analysis: Technical Challenges and Blueprints
 - 해당 파일이 존재하지 않습니다.
- [C43] Securely Controllable and Trustworthy Remote Erasure on Embedded Computing System for Unmanned Aerial Vehicle
 - 해당 파일이 존재하지 않습니다.
- [C42] Dynamic Replication for Secure Mobile Caching: A Control Theoretic Approach
 - 해당 파일이 존재하지 않습니다.
- [C41] Authorized Wireless Charging System based on Double-Frequency-Hopping for Mobile Devices
 - 해당 파일이 존재하지 않습니다.
- [C40] Usability of Docker-based Container System Health Monitoring by Memory Dump Visualization
 - keywords : System Monitoring, Data Visualization, Deep Learning
- [C39] Detecting Ransomware with File System-Awareness Scheme in Cloud Computing Environment
 - keywords : Cloud Computing, Disk Monitoring, File System, Ransomware
- [C38] Usability of Software Weakness Discovery based on the Binary File Visualization
 - keywords : Software Weakness, Visualization, Deep learning, Convolutional Neural Network(CNN)
- [C37] Learning Binary Code with Deep Learning to Detect Software Weakness

- keywords : Deep Learning, Software Weakness, Convolutional Neural Network (CNN)
- [C36] Towards Software-Defined Malware Analysis with a Deep Introspection
 - PPT 형식으로 된 파일입니다.
- [C35] Design and Implementation of TPM-Enhanced Privacy Protection System
 - keywords : Privacy Protection, TPM, Access Control
- [C34] Customizing Cuckoo Sandbox for Malware with Tricky Execution Conditions
 - keywords : Malware Analysis, Tricky Execution Condition, Sandbox
- [C33] Secret-Stamp: Document Leakage Prevention via Steganographic Marking
 - keywords : File Monitoring, Data protection, Data exfiltration
- [C32] A Synchronized Virtual Link File based on User-friendly Interface for Privacy Protection
 - PPT 형식으로 된 파일입니다.
- [C31] Toward Semantic Gap-less Memory Dump for Malware Analysis
 - keywords : Malware Analysis, Memory Dump, Hypervisor
- [C30] Data Management System based on Privacy Aware File Virtualization
 - keywords : Privacy protection, Data Security, Access Control
- [C29] GHOST: GPGPU-Offloaded High Performance Storage I/O Deduplication for Primary Storage System
 - keywords : Deduplication, GPGPU, Primary Storage
- [C28] Efficient Memory Management of a Hierarchical and a Hybrid Main Memory for MN-MATE Platform
 - keywords : Manycore, NVRAM, Hybrid Memory, Hierarchical Memory, Memory Management
- [C27] MN-GEMS: A Timing-aware Simulator for a Cloud Node with Manycore, DRAM, and Non-Volatile Memories
 - keywords : virtual machines, simulator, memory contention, scheduling, NVRAM, hybrid main memory
- [C26] Multimedia Matching as a Service: Technical Challenges and Blueprints
 - keywords : 존재하지 않습니다.
- [C25] SCOUT: Data Center Monitoring System with Multiple Mobile Robots
 - keywords : 존재하지 않습니다.
- [C24] Rethinking Deduplication in Cloud: From Data Profiling to Blueprint
 - keywords : 존재하지 않습니다.
- [C23] BLAST: Applying Streaming Ciphers into Outsourced Cloud Storage
 - keywords : Secure Storage, Storage Outsourcing, Streaming Cipher, Block Cipher
- [C22] FalconEye: Data Center Status Extraction using Vision-Transformation Techniques
 - keywords : 존재하지 않습니다.
- [C21] THEMIS: Towards mutual-verifiable billing transaction for cloud computing environment
 - keywords : 존재하지 않습니다.
- [C20] HyperDealer: Reference-pattern-aware instant memory balancing for Consolidated Virtual Machines
 - 해당파일이 존재하지 않습니다.
- [C19] Enabling Sportive Games with a Do-It-Yourself Wearable Computing Platform
 - keywords : 존재하지 않습니다.

- [C18] PokerFace: Game Players Themselves Are Truly Memorable
 - keywords : 존재하지 않습니다.
- [C17] SqueezeBall: Enabling Intuitive Copy and Paste using Soft Ball-Type Device as Mobile Clipboard
 - keywords : 존재하지 않습니다.
- [C16] Our Experiences on the Design and Implementation of Wearable Computer: From Body-Storming to Realized Services
 - keywords : Wearable Computer Design, User Interface
- [C15] Secure Remote Desktop with Necklace-Type Security Device
 - keywords : Wearable Computer Design, User Interface
- [C14] Towards Interactive Museum: Mapping Cultural Contexts to Historical Objects
 - keywords : Interactive Museum, Virtual Context Icon, Gesture-based Interface
- [C13] An Intuitive Data Transfer Technique using Bartender's Gesture
 - keywords : Data transfer, gesture, mobile interaction, shaking
- [C12] Authentication Latency Reduction Technique for Secure and Seamless Ubiquitous Services
 - keywords : 존재하지 않습니다.
- [C11] An Application for Efficient Management of User Created Content in Ubiquitous Fashionable Computer
 - keywords : 존재하지 않습니다.
- [C10] Mobile Office Platform, PPP-UFC, providing Mobility and Intuitive Presentation
 - keywords : 존재하지 않습니다.
- [C09] A Ubiquitous Space User Interface (UUI) of Ubiquitous Fashionable Computer in a Ubiquitous Computing Environment, U-TOPIA
 - keywords : 존재하지 않습니다.
- [C08] pKASSO: Towards Seamless Authentication providing Non-Repudiation on Resource-Constrained Devices
 - keywords : 존재하지 않습니다.
- [C07] A Ubiquitous Environment with a Wearable Platform, UFC and its Security Infrastructure, pKASSO
 - keywords : 존재하지 않습니다.
- [C06] A Ubiquitous Fashionable Computer with an i-Throw Device
 - keywords : 존재하지 않습니다.
- [C05] i-Throw: A New Gesture-based Wearable Input Device with Target Selection Algorithm
 - keywords : Intelligent interface system, gesture-based input device, selection technique, intuitive interface, user-friendly interface
- [C04] A New PKI-based Single Sign-On Protocol for a Diminutive Security Device, PANDA, in a Ubiquitous Security
 - keywords : 존재하지 않습니다.
- [C03] A Ubiquitous Intuitive Interaction with a Wearable Computer
 - keywords : 존재하지 않습니다.
- [C02] An Interoperable Authentication System using ZigBee-enabled Tiny Portable Device and PKI
 - keywords : ZigBee, Security, PKI (Public Key Infrastructure), Ubiquitous Computing, Authentication, Embedded System, Z-stack
- [C01] Interoperable wearable computer with intuitive device i-Throw

- keywords : 존재하지 않습니다.

Domestic Journal

- [DJ26] 안전한 컨테이너 환경 구축/운영을 위한 보안 위협 검증 자동화 플랫폼
 - keywords : Cloud Computing, Container, Security
- [DJ25] BubbleDoc: 클라우드 환경에서의 agent-free 파일시스템 분석을 통한 문서 위/변조 탐지
 - keywords : Cloud Computing, Disk Monitoring, File System
- [DJ24] 클라우드 보안성 강화를 위한 연산효율적인 인스턴스 메모리 모니터링 기술
 - keywords : Cloud Computing, VM Introspection, Computational Efficiency
- [DJ23] 메모리 트랩기법을 활용한 컨테이너 취약점 침입 탐지 프레임워크
 - keywords : Cloud Computing, System Security, Memory Forensic
- [DJ22] TPS: TPM 및 파일 가상화를 통한 개인정보보호 자동화 시스템 디자인 및 구현
 - keywords : Privacy Protection, TPM, Access Control
- [DJ21] Mem-Shot: 악성코드 난독화 분석을 위한 API-Trigger 기반의 메모리 덤프 시스템 설계 및 구현
 - keywords : Malware, Memory Analysis, Virtualization
- [DJ20] 이질적 고성능 클라우드 컴퓨팅을 위한 확장형OpenStack의 개발 및 평가
 - keywords : GPU virtualization, heterogeneous high-performance computing, GPU resource scheduler, GPU-aware Nova scheduler
- [DJ19] 스마트카 기술 및 보안 동향과 시사점
 - keywords : 존재하지 않습니다.
- [DJ18] 웨어러블 디바이스 R&D현황과 산업 전망
 - keywords : 존재하지 않습니다.
- [DJ17] 워크플로우 모델링을 통한 IaaS 클라우드 플랫폼 구축 최적화
 - keywords : Cloud Computing, OpenStack, Workflow, Modeling
- [DJ16] 일반 플래시 SSD를 이용한 지속형 읽기/쓰기 캐시
 - keywords : Storage, Cache, SSD
- [DJ15] DEFCON : 개발자 친화적인 Wi-Fi Direct 통신을 위한 안드로이드 라이브러리 설계 및 구현
 - keywords : Wi-Fi Direct, Peer-to-Peer Communication, Android, Mobile Devices
- [DJ14] 美 클라우드 보안인증체계(FedRAMP) 동향 및 국내 정보보호시스템 공통평가기준의 비교 분석
 - keywords : 존재하지 않습니다.
- [DJ13] 중소형 레이드를 위한 빠른 패리티 재동기화 기법
 - keywords : Storage, RAID, Operating System, Parallel I/O, Reliability
- [DJ12] TPM 기반 위변조 방지형 디지털 운행기록 장치 설계 및 구현
 - keywords : digital tachograph, tamper-resistant, TPM
- [DJ11] 1회 읽기 가능 메모리를 통한 오프라인 방식의 모바일 전자 지불 시스템 설계 및 구현
 - keywords : One-Time-Readable Memory, Mobile System, Offline Digital Payment
- [DJ10] 기존 슈퍼컴퓨터 분석을 통한 엑사스케일 컴퓨팅 시스템 전망
 - keywords : Exascale Computing System, Supercomputer, Manycore, Non-Volatile Memory, Resource Management

- [DJ09] A Trustworthy and Computationally Efficient Cloud Service Contract System via Cloud Notary Authorities
 - keywords : Cloud service contract, Trustworthiness, Transaction processing, Pricing and resource allocation
- [DJ08] Negotiated Seamless Video Streaming Service with GPS and Digital Map
 - keywords : 존재하지 않습니다.
- [DJ07] 클라우드 컴퓨팅을 위한 상호 검증 가능 과금 시스템 디자인 및 구현
 - keywords : Cloud Computing, Billing, PKI
- [DJ06] UFC-cooperative Network에서 IPsec에 기반한 보안 구조의 구현
 - keywords : Cooperative Network, Security ,IPsec
- [DJ05] 유비쿼터스 유저인터페이스(UUI) 환경에서 3D 물리공간으로의 가상 아이콘 매핑기법
 - keywords : Ubiquitous interface ,virtual icon, spatial resource, pointing device
- [DJ04] DEVS-Based Evaluation for a Proper Selection of Compression and Encryption in Ubiquitous Computing Environment
 - keywords : 존재하지 않습니다.
- [DJ03] A Performance Enhanced Privilege Verification Cache for Authorization in Ubiquitous Service Environment
 - keywords : 존재하지 않습니다.
- [DJ02] A Ubiquitous Space User Interface (UUI) of Ubiquitous Fashionable Computer in a Ubiquitous Computing Environment, U-TOPIA
 - keywords : Ubiquitous interface ,virtual icon, spatial resource, pointing device
- [DJ01] U-TOPIA: Campus-wide Advanced Ubiquitous Computing Environment
 - keywords : 존재하지 않습니다.