[CRISIS] 2008

The Third International Conference on Risks and Security of Internet and Systems

Tozeur, Tunisia, October 28-30, 2008

http://www.redcad.org/crisis2008/

	Monday 27 October 2008	Tuesday 28 October 2008		Wednesday 29 October 2008		Thursday 30 October 2008	
08h:00		Registration					
08h:30				Session R3 Regular papers	Session R4 Regular papers	Session R5 Regular papers	Session R6 Regular papers
09h:00		Welcome					
09h:30		Keynote lecture					
10h:00				Keynote Lecture			
10h:30		Coffee Break				Coffee Break	
11h:00		Session R1 Regular papers	Session R2 Regular papers	Coffee Break		Session R7 Regular papers	Session R8 Regular papers
11h:30				Session S1 Short papers	Session S2 Short papers		
12h:00							
12h:30							
13h:00						Closing ceremony	
13h:30							
14h:00							

CRISIS'2008 PROGRAM

Monday 27 October 2008	
14h30–18h30	**Registration**

Tuesday 28 October 2008	
8h30–9h00	**Registration**
9h00–9h30	**Welcome**
9h30–10h30	**Keynote lecture** **Session Chair:** **« Critical Infrastructures Security Modeling, Enforcement and Runtime Checking »** *ANAS ABOU ELKALAM* **ENSEEIHT, Toulouse**
10h30–11h00	**Coffee Break**
11h00–13h00	**Session R1:** Regular Papers **Session Chair:** **(« Formal approaches for security »)** An Algebraic-Functional Framework for Distributed Access Control *CLARA BERTOLISSI, MARIBEL FERNANDEZ* Aspect-based Enforcement of Formal Delegation Policies *SLIM KALLEL, ANIS CHARFI, MIRA MEZINI, MOHAMED JMAIEL* Access Control for Cooperative Systems: A Comparative Analysis *AMINE BAINA, YVES DESWARTE, ANAS ABOU EL KALAM, MOHAMED KAANICHE* An ontology-based approach to react to network attacks *NORA CUPPENS-BOULAHIA, FREDERIC CUPPENS, JORGE E. LÓPEZ DE VERGARA, ENRIQUE VAZQUEZ, JAVIER GUERRA, HERVÉ DEBAR*
11h00–13h00	**Session R2:** Regular Papers **Session Chair:** **(« Intrusion detection and web security »)** Anomaly-based Intrusion Detection using Distributed intelligent systems

	BENOIT MOREL Un mécanisme de détection d'intrusions adaptative basé sur les agents *MOHAMED CHEIKH, SALIMA HACINI, ZIZETTE BOUFAIDA* Policy-Based Intrusion Detection in Web Applications by Monitoring Java Information Flows *GUILLAUME HIET, VALÉRIE VIET TRIEM TONG, LUDOVIC ME, BENJAMIN MORIN* Efficient Detection of DDoS Attacks with Important Attributes *WEI WANG, SYLVAIN GOMBAULT*
13h00–15h00	**Lunch**
15h00–16h30	**Tutorial part 1** **(« Securing the Service Oriented Infrastructure: Solutions supporting the secure integration of services across Enterprise»)** **David Brossard** (BT Security Research Centre) **Theo Dimitrakos** (BT Security Research Centre)
16h30–17h00	**Coffee Break**
17h00–18h30	**Tutorial part 2** **(« Securing the Service Oriented Infrastructure: Solutions supporting the secure integration of services across Enterprise»)** **David Brossard** (BT Security Research Centre) **Theo Dimitrakos** (BT Security Research Centre)

Wednesday 29 October 2008	
8h30–10h00	**Session R3:** Regular Papers **Session Chair:** **(« Formal method and agent security »)** A Formal Security Framework for Mobile Agent Systems: Specification and Verification *MONIA LOULOU, AHMED HADJ KACEM, MOHAMED JMAIEL MOHAMED MOSBAH* Verification of Workflow Processes under Multilevel Security Considerations *KAMEL BARKAOUI, RAHMA BEN AYED, HANIFA BOUCHENEB, AWATEF HICHEUR* If only I can trust my police! SIM : an agent-based audit solution of access right deployment through open network *CHRISTOPHE INCOUL, BENJAMIN GATEAU, JOCELYN AUBERT, NICOLAS BOUNOUGHAZ, CHRISTOPHE FELTUS*
8h30–10h00	**Session R4:** Regular Papers **Session Chair:** **(« Dependability analysis»)** Security Analysis of the Dependability, Security, Reconfigurability Framework *TIM HARTOG, GEERT KLEINHUIS* Analysis of Peer-to-Peer Networks from a Dependability Perspective *HAKEM BEITOLLAHI, GEERT DECONINCK* A Byzantine Solution to Early Detect Massive Attacks *KHALED BARBARIA, BELHASSEN ZOUARI*
10h00–11h00	**Keynote lecture** **Session Chair:** **« Securing the Service Oriented Infrastructure: research challenges and experiences »** *DR. THEO DIMITRAKOS* **BT Security Research Centre**
10h30–11h00	**Coffee Break**
11h00–13h00	**Session S1:** Short papers **Session Chair:** **(« Security techniques: case studies »)** An extended UML Activity Diagram for Composing Grid Services

	workflows *YOUSRA BENDALY HLAOUI, LEILA JEMNI BENAYED* Case Study: Using Digital Signatures for the Archival of Medical Records in Hospitals *SEBASTIAN SAGEDER, JOHANNES SAMETINGER, ANDREAS WIESAUER* VisAA: Visual Analyzer for Assembler *PHILIPPE ANDOUARD, OLIVIER LY, DAVY ROUILLARD* Revisiting Enforceable Security Policies *NAOYUKI NAGATOU* Firewalls Anomalies' Detection System based on Web Services / Mobile Agents Interactions *FAKHER BEN FTIMA, KAMEL KAROUI, HENDA BEN GHZELA*
11h00–13h00	**Session S2:** Short papers **Session Chair:** **(« MANET and network security »)** Towards a New User Anonymity Preserving Protocol (APP) for MANETs *NADIA CHALABI, MHAMED ABDALLAH, BELHADRI MESSABIH* Formal Procedural Security Modeling and Analysis *KOMMINIST WELDEMARIAM, ADOLFO VILLAFIORITA* A new covert channel in WIFI networks *LILIA FRIKHA, ZOUHEIR TRABELSI* Comparing Chord, CAN, and Pastry Overlay Networks for Resistance to DoS Attacks *HAKEM BEITOLLAHI, GEERT DECONINCK* Towards an Automated Firewall Security Policies Validation Process *RYMA ABASSI, SIHEM GUEMARA EL FATMI*
13h00 – 15h00	**Lunch**
Desert Excursion ***VILLAGES BERBERES*** ***&*** ***CHARMES DES OASIS***	

Thursday 30 October 2008	
8h30–10h30	**Session R5:** Regular Papers **Session Chair:** **(« Anonymous authentication and privacy »)** Automated Reaction based on Risk Analysis and Attackers Skills in Intrusion Detection Systems *WAEL KANOUN, NORA CUPPENS-BOULAHIA, FRÉDÉRIC CUPPENS, JOSÉ ARAUJO* Towards a Robust Privacy and Anonymity Preserving Architecture for Ubiquitous Computing *PIERRE E. ABI-CHAR, MOUNIR MOUKHTARI, ABDALLAH MHAMED, BACHAR EL-HASSAN* A comparative study of secret code variants in terms of keystroke dynamics *NARAINSAMY PAVADAY, K.M.S SOYJAUDAH*
8h30–10h30	**Session R6:** Regular Papers **Session Chair:** **(« QoS for security management»)** Reputation based clustering algorithm for security management in ad hoc networks with liars *MOHAMED ELHOUCINE ELHDHILI, LAMIA BEN AZZOUZ, FAROUK KAMOUN* Quality Assurance of Grid Service Provisioning by Risk Aware Managing of Resource Failures *AXEL KELLER, KERSTIN VOSS, DOMINIC BATTRÉ, MATTHIAS HOVESTADT, ODEJ KAO* EESP: A Security Protocol that Supports QoS Management *MAHMOUD MOSTAFA, ANAS ABOU EL KALAM, CHRISTIAN FRABOUL*
10h30–11h00	**Coffee Break**
11h00–12h30	**Session R7:** Regular Papers **Session Chair:** **(« Security in sensor networks »)** Vers un protocole de routage sécurisé et efficace pour les réseaux de capteurs sans fil hiérarchiques distribués *ABDERRAHMEN GUERMAZI, RAHMA BENAYED, JEAN-FREDERIC MYOUPO*

	Economic-based vs. Nature-inspired Intruder Detection in Sensor Networks *FATMA MILI, SWAPNA GHANEKAR, NANCY ALRAJEI*
11h00–12h30	**Session R8:** Regular Papers **Session Chair:** **(« Cryptography and electronic vote »)** Apport de la cryptographie elliptique dans le vote électronique *SOUHEIB YOUSFI, ALEXIS BONNECAZE, RIADH ROBBANA* Application Framework for High Security Requirements in R&D Environments Based on Quantum Cryptography *CHRISTIAN KOLLMITZER, OLIVER MAURHART, STEFAN SCHAUER, STEFAN RASS* A New timestamping schema in the bounded storage model *ASSIA BEN SHIL, KAOUTHER BLIBECH, RIADH ROBBANA*
12h30–13h00	**Closing Ceremony**
13h00–15h00	**Lunch**