

# FRIDAY, OCTOBER 29<sup>th</sup>

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## 14h00 - 14h15 Opening of the Symposium

## 14h15 - 16h00 Presentation of published papers by Master students

- 14h20 A1. Automatic Organ Delineation of Computed Tomography Images for Radiotherapy Planning in Prostate Cancer: An Overview  
*Celeste Oliveira*
- 14h40 A2. Decision Support Systems and Technologies Used in Periodontology  
*Jorge Ribeiro*
- 15h00 A3. The Red Dot System: Emergency Diagnosis Impact and Digital Radiology Implementation – A Review  
*José Coelho*
- 15h20 A4. Protection of Clinical Data: Comparison of European with American legislation and respective technological applicability  
*Cátia Pereira*
- 15:40 A5. Main Barriers for Quality Data Collection in EHR – A Review  
*Rui Mendes*

## 16h00 - 16h15 Coffee Break

## 16h15 - 18h00 Presentation of thesis proposals by Master students (Part I)

- 16h40 B2. EEG Analysis by Compression  
*Diogo Sato*
- 17h00 B3. DigiScope Project - Application to Collect and Analyze Heartbeats  
*Daniel Pereira*
- 17h20 B4. Implementation and Evaluation of Medical Algorithms  
*Cláudia Vilaça*

## SATURDAY, OCTOBER 30<sup>th</sup>

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### 09h00 - 11h00 Presentation of thesis proposals by Master students (Part II)

09h00 B5. Information Technology at the Service of Health Care: Conception and Implementation of a Maternal and Child Web-Based Technology Registering System  
*Martins Mupueleque*

09h20 B6. Are all Requested Exams Accessed by Doctors?  
*Leila Pereira*

09h40 B7. Applying Data Mining Tools in Neonatal Jaundice  
*Duarte Ferreira*

10h00 B8. Utilidade de um Sistema de Registo de Erros na Prática Hospitalar  
*Luís Miguel Alves Moutinho*

10h20 B9. Machine Learning Algorithms at Myocardial Perfusion Imaging: A Preliminary Study  
*Domingos Vieira*

### 11h00 - 11h15 Coffee Break

### 11h15 - 12h45 Presentation of thesis already approved by former Master students

11h20 C1. Avaliação de uma Implementação do Sistema de Triagem de Manchester: Que realidade.  
*Cátia Tatiana Pinto Moreira*

11h40 C2. A Decision Support System for Exhaled Nitric Oxide Values – Model and Evaluation.  
*Tiago António Queirós Jacinto*

12h20 C3. Interoperabilidade nos Sistemas de Informação de Saúde – Das Convicções à Realidade.  
*Lucas Filipe da Silva Ribeiro*

### 12h45 - 13h00 Closing of the Symposium