Journal Club „Advanced Imaging“ – Adolphe Merkle Institute

**Scope**

The focus of this journal club (JC) is about all aspects of **advancements in imaging techniques and analysis**. The presented publications will cover original articles or reviews about how to obtain and/or analyze images from **biological systems and / or materials**. The articles can be chosen freely, however the presentation of only recently published approaches in peer-reviewed journals is preferred.

**Requirements**

The requirement for participation is a completed **Bachelor’s degree** in natural sciences and **hands-on experience**, or at least a deep interest, with imaging techniques.

**Organization**

The JC will take place every two weeks during the semester, the day and time will be discussed with the participants. A **80% attendance during two semesters** is required to receive **1 ECTS**. Every participating student has to present **at least one article per semester**, the number will, however, vary depending on the number of participants.

**Presentation of the article**

The presentations should last **15 minutes**, including the main findings (**the paper does not cycle before**) and **a personal opinion about the work**, followed by a subsequent discussion (~45 minute) with all participants.

**Location**

Adolphe Merkle Institute (AMI), University of Fribourg (www.ami.swiss). The room will decided according to the number of participants.

**People**

**Responsible:**

**Dr. Dimitri Vanhecke**  
Senior Scientist  
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**Coordinator:**

**Daniel Hauser**  
PhD Student  
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**Co-responsible:**

**Prof. Barbara Rothen-Rutishauser**  
Professor  
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