



Faculty of Computer Science 2007–2008 Seminar Series

Quantitative Data and Decision Making for Muscular Disease

By

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3:30pm

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Modeling of muscular disease involvement provides insight into means to provide quantitative measure of muscular disease state, and the degree and type of involvement.

Diagnosis of muscular disease is largely based on qualitative methods. While these methods are successful inasmuch as they allow trained professionals to characterize the type and to some extent the degree of involvement of various disease types, the lack of quantitative rigour poses problems in inter-practitioner transportability and in longitudinal measures of disease progression.

This talk will present the underlying data domain of muscular disease, as well as discuss recent results in the modeling of muscular disease both from a physiological standpoint and from the standpoint of diagnostic decision support.

STUDENTS ARE ENCOURAGED TO ATTEND
