



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

Contribution ID: 513

Type: **Invited Speaker / Conférencier(ère) invité(e)**

(I) Eliashberg Theory and Jules Carbotte

Monday, 7 June 2021 16:05 (10 minutes)

This talk will focus on an overview of Eliashberg theory, a formalism that Jules was very well known for. But I will also discuss some potential shortcomings of this framework, as time permits, from the weak coupling to the strong coupling limit, with polaron physics, and applicability to the hydride and superhydride materials.

Primary author: MARSIGLIO, Frank (University of Alberta)

Presenter: MARSIGLIO, Frank (University of Alberta)

Session Classification: M3-7 Jules Carbotte Memorial (DCMMP) / En mémoire de Jules Carbotte (DPMCM)

Track Classification: Condensed Matter and Materials Physics / Physique de la matière condensée et matériaux (DCMMP-DPMCM)