

2013 CONFERENCE GUIDE

Rochester New York

Thursday June 27 -Sunday June 30

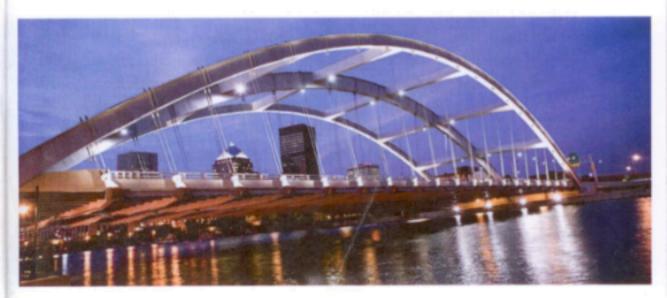


Table of Contents

Welcome Messagev
General Informationvii
From the Rochester Conference Teamviii
Places of Interestix
Mapsx
Schedule At-A-Glancexii
Program Overview/Daily Schedulexiii
Speaker Abstracts1
Poster Session Abstracts
First Author Index

Poster 53. Intrinsic and extrinsic sport motivation as a function of age

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In the school context, Gillet, Vallerand yandLafrenière (2012) found that the intrinsic and extrinsic motivation vary with age and the amotivation was relatively low and stable from age 9 to 17 years. The objective of the present research was to investigate intrinsic and extrinsic motivation, and amotivation in sport context as a function of age. Participants were 1,111 Mexican national athletes, aged 10–26 years (56% male and 42% female). Athletes completed Motivation Scale for Sport (Pelletier et al., 1995). The results indicated a significant decrease from intrinsic motivation to increasing age (F(16, 1094) = 3.38, p < .001), finding greater variability in the period of 18-22 years. Extrinsic motivation varied significantly by age (F(16, 1092) = 3.64, p < .001), but was more stable. Finally, amotivation increased significantly with age (F(16, 1094) = 21.66, p < .001), having greater variability from 12 to 17 years.

Poster 54. Promoting students' motivation towards science learning: The role of personal needs and motivation orientations

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This study aimed at designing a teaching module for science education that enables lower secondary school students to promote their motivation towards science learning, and examining the way this intervention was experienced by students with different SDTbased motivation orientations. Industry site visits that were enriched with activities that were considered able to promote students' motivation by supporting the fulfillment of the basic psychological needs were prepared and implemented in Finland and in Greece. Twenty-seven students participated in each country. Students' motivation orientations were examined by the Academic Motivation Questionnaire, and representatives of different motivation orientations were interviewed. Interviews showed that representatives of different motivational orientations experienced different aspects within the module that met their psychological needs as they are declared in the Selfdetermination Theory. The results offer a perspective to adolescents' psychological needs and how they mediate the way they value an activity within context of science education.

First Author Index

Levesque-Côté, Julie	158
Lewis, Jeanine	159
Li, Chunxiao	159
Lid, Torgeir Gilje	160
Lim, Boon San Coral	95
Lindahl, Jonas	160
Liu, Woon Chia	6
Liz, Carla Maria	161
Lopez-Walle, Jeanette	162
Loukomies, Anni	162
Lucette, Aurelie	163
Lynch, Martin	70
Mabbe, Elien	163
Mageau, Geneviève A.	76
Maldonado, Erasmo	164
Mandrikova, Elena	68
Marnali, Catalin	164
Martela, Frank	64
Martin, Caoimhe	165
Masciale, James N.	165
Matos, Lennia	166
Matosic, Doris	166
McFadden, Lucinda	167
McKay, Marlien	62
McLennan, Brad	167
Medic, Nikola	10
Meis, Jessie	168
Meland, Elvind	65
Mendes Ribeiro, Giann	26
Meristo, Merilyn	168
Michou, Aikaterini	54
Miller, Joane	42
Miller, Lauren	169
Milyavskaya, Marina	92
Miquelon, Paule	169
Misbah, Zainun	170
Miserandino, Marianne	27
Mladenovic, Marijana	170