

CASR

CASR –Canadian Association for Student Robotics- is a national umbrella Canadian non-profit corporation of charitable status, without share capital, whose directors are all Canadian citizens. The members of the CASR Board include representatives of sponsors, participating schools and students, businesses, governments and volunteers. Its mandate is to operate, coordinate and support student robotics and technology related initiatives across Canada.

It operates and supports the **FRC (FIRST Robotics Competition)** and **FLL (FIRST Lego League)** across Canada, in addition to other student robotics initiatives. In partnership with Corporate Canada and Government Agencies CASR has seen tremendous growth and achieved great success in the past few years, in bringing robotics to increasing numbers of students around the country. Our success is due in no small part to our association with the exceptional and internationally recognized **FIRST** organization.

CASR is at a crucial stage of its growth as it evolves from a start-up operation to a market leader in the provision of challenging robotic programs for students.

History

CASR held the first-ever FIRST Canadian regional competition on April 4th- 6th, 2002 in Mississauga, Ontario. A total of 44 high school teams participated, including 26 teams from Canada and 18 teams from the United States. In 2003 the Canadian Regional was held March 27th- 29th, in Mississauga with 53 registered teams, 40 Canadian teams and 13 American teams. The 2003 competition represented a 54% growth in Canadian team participation. The potential exists for further expansion for 2004's FIRST Canadian Regional in Toronto to an eventual 90 teams based on interest received from many prospective high schools. The FIRST Lego League FLL kicks off on Nov 29th, 2003 with a Provisional tournament for 48 Ontario teams, in addition to local competitions throughout Ontario. FLL competitions will also be taking place in British Columbia, Alberta, Quebec and Newfoundland. CASR is playing a key role in coordinating all these activities.

FIRST

For Inspiration and Recognition of Science and Technology (FIRST) is an international non-profit organization founded in 1989 by inventor and entrepreneur Dean Kamen, President of DEKA Research and Development Corporation. The objective of FIRST is to inspire today's youth to pursue careers in science and technology. The FIRST organization operates a variety of programs in science, mathematics, engineering and technology, including the FIRST Robotics Competition, FIRST Jr. Robotics, FIRST LEGO League and FIRST Place. FIRST has grown to be the largest robotics competition in the world, with approximately 800 teams competing in 2003.

www.usfirst.org

FIRST ROBOTICS COMPETITION (FRC)

The FIRST Robotics Competition is an exciting, multinational competition that teams professionals and young people to solve an engineering design problem in an intense and competitive way. The program is a life-changing, career-molding experience—and a lot of fun.

www.firstcanadianregional.org

FLL

The FIRST LEGO League (FLL), considered the "little league" of the FIRST Robotics Competition, is the result of a partnership between FIRST and the LEGO Company. FLL extends the FIRST concept of inspiring and celebrating science and technology to children aged 9 through 14, using real-world context and hands-on experimentation.

With the help of LEGO® MINDSTORMS™ Robotics Invention System™ technology, young participants can build a robot and compete in a friendly, FIRST-style robotics event specially designed for their age group. Using LEGO bricks and other elements such as sensors, motors, and gears, teams gain hands-on experience in engineering and computer programming principles as they construct and program their unique robot inventions.

www.filcanada.org

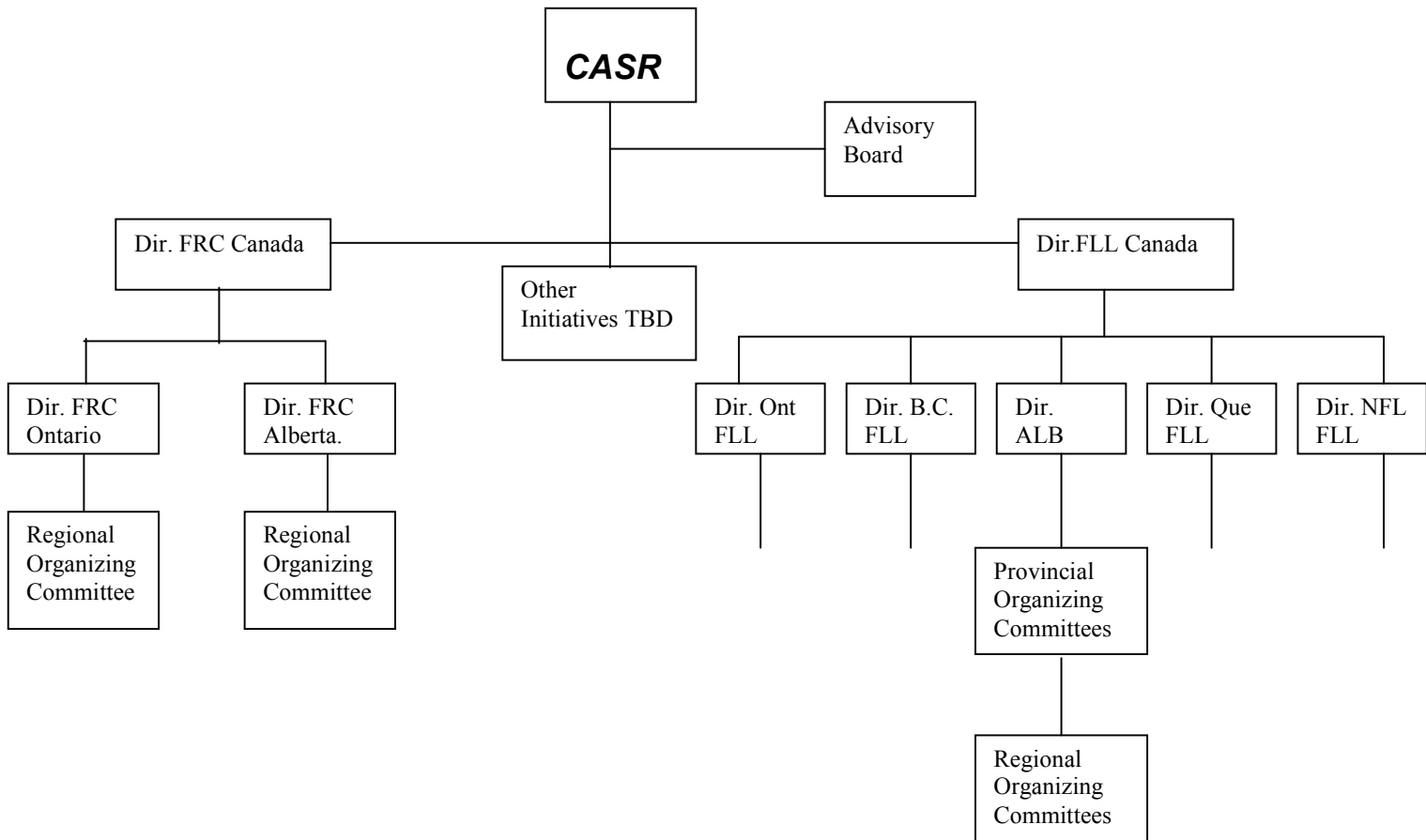
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