

On the Rocks with the CTG in Parry Sound



CTG/SGTD Group photo near Harold Point, Killbear Provincial Park, Parry Sound, October 2003. Back row (from left): Stefan Kruse, Andrew Parmenter, Edith Martel, Melodie Stone, Arjan Brem, Paula MacKinnon, Frank Fueten, Melissa Battler, Yvon Lemieux, Ivan Dimitrov, Paul McNeill, Nick Culshaw, Paul Wilson, Paul Williams, Francois Leclerc, park warden, James Bradley, Guido Serafini, Jürgen Kraus. Front row (sitting; from left): Matt Downey, Michelle Boast, Yvette Kuiper, Sandrine Caderon, John Waldron, Shoufa Lin, Phil Simony, Clara Ma, Fried Schwerdtner, Bruno Lafrance, Normand Goulet, Bob Stesky. Missing: Cees van Staal.

The Canadian Tectonics Group (CTG) is an informal group without membership and without an official administration. Participation is entirely based on enthusiasm for structural geology and tectonics. The CTG has been gathering annually on an October weekend since 1981. The meetings provide a platform to meet and exchange information with old friends and colleagues, and students may introduce themselves to the Canadian structural geology and tectonics scene. Typically, the participants congregate on Friday evening for a meet-and-greet. There are 20-minute talks throughout Saturday followed by a field trip on Sunday. The meeting oscillates annually between western, central, and eastern Canada.

The CTG's 23rd annual fall meeting took place on the weekend of the 24th to 26th October at Resort Tapatoo, a Black-Forest-style lodge in Parry Sound, Ontario. It was excellently organized by Shoufa Lin (University of Waterloo). Thirty-two delegates enjoyed two half-days of talks and two half-days of field trips (timing owing to changing weather conditions).

The well-received and very informative talks and posters covered a wide spectrum of structural and tectonic topics from coast to coast, from the regional geology of the Kooteney arc and Monashee metamorphic core complex in British Columbia, the Superior craton in Manitoba, Ontario & Que-

bec, the Grenville province and the Sudbury metamorphic aureole in Ontario, to the Appalachians in New Brunswick, Nova Scotia and Newfoundland. Other regional topics included the Cuyania terrane of Argentina and culminated in faulting in the Valle Marineris on Mars.

The general structural geology presentations centered around folding mechanisms, high-strain-zone deformation, analysis of fault-slip data, and structures developing along layer boundaries in migmatitic gneisses.

Nick Culshaw of Dalhousie University led a superb field trip across the Central Gneiss Belt of the Grenville province. The first half of the excursion took the group to a 3 km coastal stretch along Georgian Bay in Killbear Provincial Park, where supracrustal rocks were almost continuously exposed and gave evidence of the formation and deformation of the Laurentian margin. The second half of the field trip focused on road outcrops of the Interior Parry Sound assemblage, the Parry Sound shear zone, the Shawanaga domain, and the Shawanaga shear zone.

The CTG's organized and hierarchical equivalent is the Structural Geology and Tectonics Division (SGTD) of the Geological Association of Canada (GAC). To join the SGTD you have to be a member of GAC and pay the extra \$5 per annum (students member-

ships are free!). We subsidize graduate students' travel expenses to meetings, support meetings directly, and award annual best paper, best GAC/MAC student abstract, and best thesis (PhD and MSc) prizes. Since most CTG participants are also members of the SGTD, a business meeting was held during the Parry Sound gathering.

The minutes of the SGTD business meeting, the abstract volume, some posters presented, the field trip guide (in colour), and photos of the field trip can be viewed/downloaded from the CTG/SGTD's joint website at: <http://craton.geol.brocku.ca/ctg.html>

This website also contains spectacular pictures of Canadian Tectonics, back-issues of the Main Thrust (the SGTD's newsletter), information on the SGTD's annual awards, miscellaneous downloads, and the opportunity to join our free email discussion list.

The next CTG meeting will be held in October 2004 in New Brunswick. Details will be posted on our website. Since there is no membership for the CTG and no registration fee (other than the cost for room and board, typically in the \$250 range for professionals and slightly cheaper for students), we welcome anybody interested. You should consider coming. See you in New Brunswick.

Jürgen Kraus