In Memory of my friend
Graham Ross

Corfu
September 1, 2022
First meeting - Aspen Summer Conf. 1982
Pierre Ramond organized a workshop entitled
Grand Unified Theories (M. Turner report)
Glashow - magnetic monopoles
Ross and me - SUSY GUTs
Sikivie - axions and cosmology
Michael Green - superstrings
Sher - inflationary cosmology
SPONTANEOUS

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River rafting -
OPEN to NEW IDEAS

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Sat on Coughlan’s thesis defense

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Cosmological Problems for the Polonyi Potential – Coughlan, Fischler, Kolb, Raby and Ross
Visited Graham at Oxford on several occasions
Once stayed for a night at Wadham College

Thank you to Ruth and Graham for their hospitality
Introduced to Lagavulin
Two wonderful daughters - Gilly and Emma
SPONTANEOUS

In 97 visited Graham at Oxford -
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COSMO 97 Roszkowski
Ambleside Lake district
FRIEND IN NEED

Several summers spent time at CERN
One year working with Savas, I had an acute allergic reaction. Graham drove me to the hospital.
OPEN to NEW IDEAS

In 2010 we overlapped briefly at CERN. I mentioned that there was no discrete symmetry consistent with GUTs which forbade dimension 5 baryon and lepton number violating operators. He disagreed and then the next morning he agreed.

Next day I left for Munich to work with Michael Ratz and Patrick Vaudrevange. Turns out they were thinking about the same problem.
We combined efforts which led to two papers 1009.0905 and 1102.3595.


\[ \mathbb{Z}_4^R \]

Graham extended this analysis further 1205.1509 and 1308.4168 on the GNMSSM.
At CERN we overlapped on several occasions. Thank you Ruth and Graham for their hospitality.
LAST TIME

In 2011 Graham Fest
Graham retired from Oxford

In 2012 Graham and Ruth visited Columbus and Ohio State
FOND MEMORIES OF A GOOD FRIEND