IRIA
EsOpe
The quality of go to statements in the programs they produce. More recently, it has been discovered why the use of the go to statement has such disastrous effects, and I became convinced that the go to statement should be abolished from programming languages.
SCOTTERIES
Sponsored by:
I.B.M. United Kingdom Ltd. (main sponsor), British Council, British Logic Colloquium.

Purpose: Informal discussion of current problems in lambda-calculus.

PARTICIPANTS (20):

Henk P. Barendregt, University of Utrecht.
Choukri-Bey Ben-Yelles, Swansea.
Corrado Böhm, Univ. Turin,
Jane Bridge, Somerville College, Oxford.
André Chauvin, Univ. Algiers,
Haskell Curry, Pennsylvania State Univ.
Diederik van Daalen, T. H. Eindhoven,
Mariangiola Dezani-Ciancaglini, Univ. Turin,
Roger Hindley, Univ. Wales, Swansea,
Jean-Jacques Lévy, I.R.I.A. Le Chesnay,
Giuseppe Longo, Univ. Pisa,

TALKS (17):
"Curry's paradox and Löb's theorem",
"The ω-rule",
"Convertibility as program equivalence",
"Theory of objects",
"Introduction to Automath",
"Strong normalization in the λ-typed λ-calculus",
"Characterization of normal forms having inverses in the β-η-calculus",
"The Church-Rosser problem for λ-β-reduction with the extra rule "δXX reduces to X",
"A proof of Welch's conjecture",
"A modified kind of Strong-Wagner-style models"
Roger Hindley, Univ. Wales, Swansea, "The Church-Rosser problem for \( \lambda-\beta \)-reduction with the extra rule \( \delta XX \) reduces to \( X \)".

Jean-Jacques Lévy, I.R.I.A. Le Chesnay, "A proof of Welch's conjecture".

Giuseppe Longo, Univ. Pisa, "A modified kind of Strong-Wagner-style models".

Wolfgang Maass, Univ. Munich, "The Church-Rosser theorem for infinite \( \lambda \)-terms".

Gerd Mitschke, T. H. Darmstadt.

Gordon Plotkin, Univ. Edinburgh, "The \( \omega \)-rule, a counterexample", "A power-domain construction", "A counterexample to the upside-down Church-Rosser theorem".

Gianfranco Prini, Univ. Pisa, "Why computer-scientists need \( \lambda \)-calculus".

Richard Statman, King's College, Cambridge.

Anne Troelstra, Univ. Amsterdam.

Roel de Vrijer, T. H. Eindhoven, "The Big Tree theorem".

Peter Welch, Univ. Kent, Canterbury, "A syntactical model of the \( \lambda \)-calculus".

Excursion: afternoon of 11 Sept.: bus to Rhossili, with walk to Mewslade.

[Typed by Roger Hindley in 2008 from informal notes 1974.]
CALL BY NEED
COMPUTATIONS
IN NON-AMBIGUOUS
LINEAR TERM
REWRITING SYSTEMS

IN A. ROBINSON
FESTSCRIPT

SIAM
POPL
VLSI
VLSI

Byzantine generals leave me cold as ice (oh yeah)
I could kiss it all off, you wouldn't have to ask me twice (oh no)
And temporal logic's such a bore, it makes me cry (oh yeah)
Just pushing symbols on the page, lord, don't ask me why (oh no)
I wanna turn back the clock tonight
I wanna leave this place behind
Come on, baby, let me tell you what's on my mind

(oh baby)
Why don't we VLSI like we used to do (oh yeah)
River routin' with you baby was such a groove (oh yeah)
Splittin' signals in a CMOS grid,
You know it makes me feel so fine
It sends shivers runnin' up and down my spine

Now I ain't one to dump no shit on someone else's dream (oh no)
But zero-knowledge proofs are just the worst idea I ever seen (on yeah)
And voronoi diagrams are not my cup of tea (oh no)
And you know what you can do with all those oracles to separate the poly-bleeding-nomial hierarchy, baby
It's a desert of abstraction out there
It stretches far as the eye can see
Come on, baby, take me back to reality
DEC
PARA
MOSCOWA
POLYTECHNIQUE
ORSAY
CONCLUSION
**Picture 10 – Wild Flower**
The coracle ride will give you glimpses of crocodiles either swimming or basking on rocks.
Picture 11 – Coracle Ride
We saw many of these lying around with their mouth wide open displaying a forbidding set of teeth.
PAS
LES
CROCODILES !
BEAUCOUP DE CHANCE !
FIN