## CONTENTS

1 Potential topics

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## POTENTIAL TOPICS

- Topics suggested to be considered for future sessions (03/10/2017)
  - 1. Analysis in UTT
  - 2. Toposes as localic groupoids
  - 3. Coalgebras
  - 4. Model categories
  - 5. Internal logic (of categories, arithmetic universes, sheaf toposes, etc.)
  - 6. Nominal sets
  - 7. Bitopological spaces
  - 8. Homotopy category of infinity categories
  - 9. Adding existential/universal quantifiers *freely* to fibrations (to be cont'd)
- Other topics (added later)
  - 1. Filtered (co)limits
  - 2. Partial products and exponentiability
  - 3. Essentially algebraic theories (to be cont'd)
  - 4. Cubical sets
  - 5. 2-toposes
  - 6. Ex/Lex completion and realizability toposes
  - 7. ...

## Bibliography

[1] test reference