



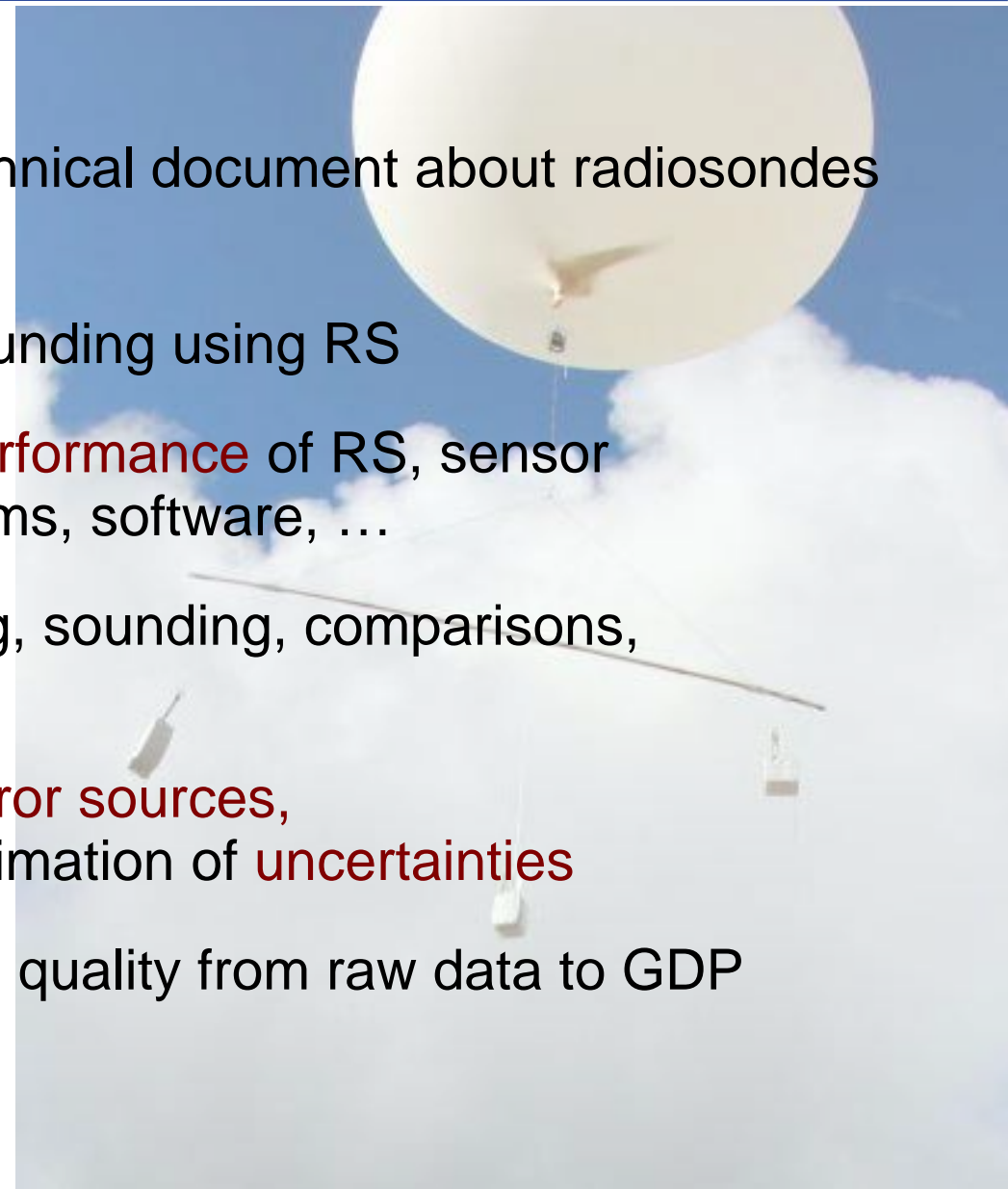
Status of the GRUAN Radiosonde Technical Document

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Comprehensive (overarching) technical document about radiosondes

- **Background** on atmospheric sounding using RS
- General implementation and **performance** of RS, sensor principles, ground station systems, software, ...
- **Practice**: ground checks, rigging, sounding, comparisons, scheduling
- Identification and handling of **error sources**, motivation and guidance for estimation of **uncertainties**
- **Data** formats, management and quality from raw data to GDP



- Omnibus should summarize the available knowledge about radiosondes on a general level (compendium and work of reference)
- by providing comprehensive insight in objectives, practice, procedures, data evaluation and management, development; referring to GRUAN requirements
- referencing to subsequent documents (Appendices) on specific radiosonde types
 - *not only dry technical documentation but also give motivation, guidance and inspiration*

Present status



The image displays a grid of 30 small thumbnail images, each representing a different document or report related to the GRUAN project. The thumbnails are arranged in three rows and ten columns. The first row includes a title slide for 'GRUAN GOOS Reference Upper-Air Network', a table of contents, and several pages of text. The second row contains more text-heavy pages, some with diagrams and tables. The third row features a diagram of a network structure, a diagram of a measurement system, and several data tables with columns for various parameters and values. The thumbnails are small and difficult to read in detail, but they clearly show a variety of scientific and technical content.





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- progressed
- textual basis
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Document structure / present status




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- Document will be comprehensive:
Success relies on the expertise and experience of all contributors
- Contributors, volunteers welcome!
- Guidance for writing:
GRUAN-TN-2, GRUAN Manual and Guide, CIMO-Guide
- Coordination, editorial work, Ch. 1-3:
C. von Rohden (LC)
- Timeline: reviewable version on 31 Dec. 2017