

	<b>DOCUMENT TYPE</b>	<b>Doc. no.:</b> SRON-ISG-TN-2018-000
<b>PROJECT</b>		<b>Issue</b> : 0.1 <b>Date</b> : 30 May 2018 <b>Page</b> : 1 of 6

## SRON Report Template in $\text{\LaTeX}$

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**Document Change Record**

Issue	Date	Changed Section	Description of Change
0.1	30 May 2018	All	Initial version

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**Abbreviations and Acronyms**

Item	Meaning
SRON	Netherlands Institute for Space Research

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## 1 The First Section

This is a  $\text{\LaTeX}$  and  $\text{\pdfLaTeX}$  template for reports, notes, etc. in **SRON** style using the `sron.cls` class file. If the logo shows up as just text, update package `pict2e`: download `pict2e.zip` from <http://www.ctan.org/tex-archive/macros/latex/contrib/pict2e>, unzip and execute `latex pict2e.ins`. Only the extracted file `pict2e.sty` is needed.

The font of this text is either Computer Modern Bright or Arev Sans, depending on availability. The second is better:

- clearer on screen;
- almost the same as house-style font Verdana, but with matching mathematical characters;
- more distinct and ‘warmer’ characters in math mode.

Arev Sans is used if the characters in math mode *wailful* are different from those in italic *wailful*.

Amazingly few discotheques provide jukeboxes. Incredibly, he makes a major life-change! For example: “I’ll require that the system have two sizes.” Although  $537 + 489 = 1026$ , five truffles offer sufficient flavour. Le cœur déçu mais l’âme plutôt naïve, Louÿs rêva de crapaüter en canoë au delà des îles, près du mälström où brûlent les novæ. Die Faltung einer Gauß-Kurve mit einer Lorentz-Kurve:

$$\int_{-\infty}^{\infty} \frac{y e^{-t^2}}{(x-t)^2 + y^2} dt = \pi \Re[w(x + iy)], \quad w(z) = e^{-z^2} \operatorname{erfc}(-iz), \quad x \in \mathbb{R}, y > 0. \quad (1)$$

The cross product of two vectors is defined by  $\boldsymbol{\alpha} \times \boldsymbol{\beta} = \alpha\beta \sin \theta \hat{n}$ .

## 2 Template structure

The tex file producing this output starts with the following code.

```
\documentclass{sron}

% \sron[size] is the SRON logo with optional size (default 0.22)

\project{PROJECT}
\documenttype{DOCUMENT TYPE}
% SRON document numbering: institute-project-documenttype-year-number
\documentnumber{SRON-ISG-TN-2018-000} % official document number
\institutenumber{} % extra document number for internal use
\issue{0.1}
%\date{\today}
% Level 1: issued by Customer ('them').
% Level 2: issued by Contractor ('us'), sent to Customer for approval (Class A)
%           prior to implementation. After approval, these documents are
%           contractually binding.
% Level 3: any other issued by Contractor, sent to Customer either for review
%           (Class R, identified discrepancies shall be corrected prior to
%           implementation) or for information (Class I).
% Level --: issued by Contractor, not sent to Customer, i.e. internal documents
%           for information (Class I).
% Class A, R or I as described above.
%\level{--}
%\class{I}
```

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`\title{SRON Report Template in \LaTeX}`

`\author{Tom Baker}`

`\checkedby{Jon Pertwee}`

`\agreedby{Patrick Troughton}`

`\authorisedby{William Hartnell}`

`\addtocategory{AD}{} % define keys that are Applicable Documents`

`%\addbibresource{myreferences.bib} % replace argument with your own BibTeX file`

`\begin{document}`

`\maketitle`

`%\maketitleforsignatures % for digital signatures`

`\vfill`

`\begin{distributionlist}`

`\item Peter Davison`

`\item Colin Baker`

`\item Sylvester McCoy`

`\end{distributionlist}`

`\newpage`

`\begin{changerecordtable}`

`0.1 & \today & All & Initial version`

`\end{changerecordtable}`

`\newpage`

`\tableofcontents`

`\thispagestyle{fancy}`

`\newpage`

`\begin{abbreviationtable}`

`SRON & Netherlands Institute for Space Research`


`\end{abbreviationtable}`

`\printbibliography[category=AD,heading=AD,prefixnumbers=AD]`

`\printbibliography[notcategory=AD,heading=RD,prefixnumbers=RD]`

`\newpage`

`\section{The First Section}`

Followed by body text. The  logo is inserted with `\sron` or `\sron[s]` with size `s` (default 0.22).