

INSTRUCTIONS for **Extended Abstract/PAPER** preparation

1. Please use the **template file** “EFCF-2022_SOFC_Paper_Template_Xyyzz_Family-name_Given-name_Current-Version.docx” for your full-length paper.
 - **Rename** the new file with your EFCF-ID according to the acceptance email arriving in March 2022 e.g. “EFCF-2022_Paper_A1204_PEFC-MembraneConductivity_Smith_John_01.docx”
2. **Replace the sample texts**, being sure to keep the format of the sample text unchanged.
 - Replace* **Xyyzz** with your EFCF-ID in both: - the footer (by double clicking the footer) and → on the top of the page, e.g. **A1304, B0512,...**
 - Overwrite** the sample heading*** of the Abstract. Copy & correct your submitted Abstract. Use: “copy” → “paste special/unformatted text”.

* The correct EFCF-ID assignment e.g. "B1503" is absolutely crucial for proper placement of your Abstract in the Conference Agenda and of your manuscript in the Electronic Conference Proceedings.

** Please do not modify the title of your contribution, unless corrections are absolutely needed. Inform us about the absolutely needed changes, when you upload the Paper.

*** Title of presentation, author name(s), institution(s), street(s), town(s), country, telephone and fax number, e-mail address of first author etc.

- Overwrite all sample text with your own content; where possible use the given structure.
 - Delete **Yellow Highlights** and **Red Comments**.
3. **Upload the WORD** (.docx) with the full-length Paper in the Author Centre
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 - 2. not published, if you chose to publish ELSWHERE.

Deadline for Paper Submission: 15 May 2022

*Publication Policy:

All one-page abstracts of the oral & poster presentations are published in the **Book of Abstracts** (BoA). The final **Proceedings** of **EFCF 2022** (PoE2022) will be a synthesis of the Book of Abstracts and the access info to the publications given by the author (DOI, Fuel Cells, Elsewhere). It is freely accessible on www.EFCF.com/Proceedings together with all other event info.

FORMAT EXPLANATION

Use the following formats:

EFCF_Xyyzz → Xyyzz

EFCF_Title → **Anode Morphology and Performance of a Fuel Cells**

EFCF_Authors → Peter Test (1), Andreas Check (2), Nikolai Next (1), Viktor Final (2)
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 EFCF_Address → Test Street 55; 1543 Clean Town/Wonderland
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EFCF_Subtitle1 → **Abstract**

EFCF_Text → The key components of solid oxide fuel cells. High porosity is essential for the fuel gas conversion in the outer region of the anode structure. Near the electrolyte, however, the charge exchange is of importance. The two electrons released by each arriving oxygen ion have to be conducted by the Nickel in the Cermet material to the bipolar plate. After passing through the same, they become available at the cathode of the next cell for the ionization of other oxygen atoms. On the anode the charge exchange occurs along triple phase boundaries, i.e. along lines formed by the ion conducting electrolyte, the electron conducting porous anode and gaseous fuel molecules filling the voids.

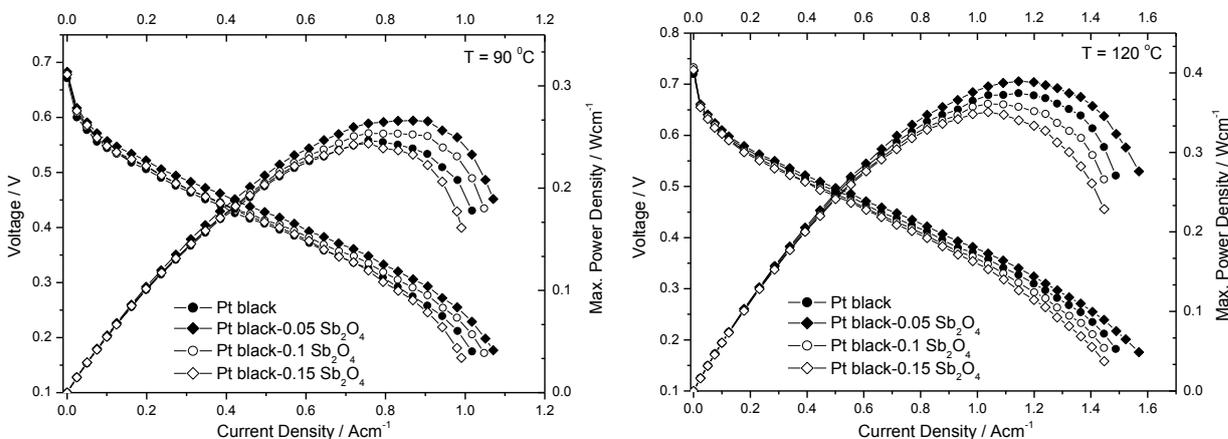


Fig. 1 The polarization curves compared to pure Pt catalyst operated at (a) 90°C and (b) 120°C.

Figure/Table description
 EFCF_Text (centered)

FORMAT INSTRUCTIONS

Please adhere to the following **format instructions** for manuscript preparation and submission:

1. **MS-Word format:** Please make sure the example formats are not replaced by the working format of your computer or lost by cut-and-paste procedures.
2. **Format:** Line spacing, alignment, page numbering, etc. is already formatted.
Please do not change.
3. **Title section:** Please do not change the title section compared to the preliminary Abstract unless absolutely necessary. If possible, please use complete names. Please use the given formats, resp. the one here below – Base Font is Arial.

<p>Title: 18 pt-bold</p> <p>Full first and family name(s) of author(s): 12 pt-bold Institution and Address of author(s): 12 pt Tel, Fax, Mail of author(s): 10 pt</p> <p>Subtitles 1: 14 pt-bold</p> <p>Subtitles 2: 12 pt-bold</p> <p>Text, equations, references etc.: 12 pt-normal</p>	<p>EFCF_Title</p> <p>EFCF_Authors</p> <p>EFCF_Address</p> <p>EFCF_TelFax</p> <p>EFCF_Subtitle1</p> <p>EFCF_Text</p>
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4. In case there are a **number of authors and institutions** (a maximum of 3 should be listed, more cannot be listed for technical reasons) → please use this way of referencing, as given in the template:

<p>Peter Test (1), Andreas Check (2), Nikolai Next (1), Viktor Final (2)</p> <p>(1) Uni Top, Institute of Ceramic Technologies; Test Street 55; 1543 Clean Town/Wonderland</p> <p>(2) Innofirm Services; Eventual Place, 45366 Tech City/Katland</p>	<p>EFCF_Authors</p> <p>EFCF_Address</p> <p>EFCF_Address</p> <p>EFCF_Address</p>
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5. **Length:**
Abstract: one page, a clarifying graph or picture is also welcome.
Paper - Full-length Manuscripts: unrestricted within reasonable limits e.g. 5-10 pages.
6. **Pictures and graphs:**
Please use full page width. Do not place graphics side by side.
7. **Scans:**
All photographs should be scanned and compressed to 200 dpi.
No "Mega-Bite" picture files please!
8. **Compression of figures:**
Please compress all figures using the WORD function: right-click the graph, select 'format graph' and check the box 'compression' to 'print' (= 200 dpi).
9. **Citations:**
References should be numbered in square brackets ([1], [5], [12] etc.) and listed at the end of the manuscript under the section "References", see "EFCF-2022_AbstractPaper_B1305_SamplePaperFile.pdf".

Hard copy manuscripts are not accepted.