



INSTRUCTIONS for **Extended Abstract/PAPER** preparation

1. Please use the **template file** “EFCF-2023_SOFC_Paper_Template_Xyyzz_Family-name_Given-name.docx” for your full-length paper.
 - **Rename** the new file with your EFCF-ID according to the acceptance email arriving in Feb 2023 e.g. “EFCF-2023_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 & in the Conference Proceedings.

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

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

- **Overwrite** all sample **text** with your own content; where possible use the given structure.
 - Add your **specific keywords** at the end of the document, after the given keywords:
Keywords: EFCF 202x, Fuel Cells, Electrolysers, and clean the wrong ones.
 - **Delete** **Yellow Highlights** and **Red Comments**.
3. **Upload the WORD** (.docx) with the full-length Paper in the Author Centre
→ www.EFCF.com/AC or www.EFCF.com/Upload
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 - ⇒ According to your **publication wish** (see Publication Policy below www.EFCF.com/PP*) your full-length Paper will be:
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 - 1.b. **not published**, but serve as **evaluation reference** for candidates, who like to apply for the Special Issue of FUEL CELLS - From Fundamentals to Systems, www.EFCF.com/SI.
 2. **not published**, if you have decided to publish **ELSWHERE**.

Deadline for Paper Submission: 30 April 2023

*Publication Policy:

All one-page abstracts of the oral & poster presentations are published in the **Book of Abstracts** (BoA). The final **Proceedings of EFCF 2023** (PoE2023) 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)

EFCF_Address

(1) Uni Top, Institute of Ceramic Technologies;
Clean Town/Wonderland

EFCF_Tel/Mob

(2) Innofirm Services; Tech City/Katland

EFCF_e-mail

Tel.: +41-56-987-1234 Mob.: +41 22-333-444
Peter.Test@fastmail.com

EFCF_Subtitle1

Abstract

EFCF_Text

Key components of solid oxide fuel cells. High porosity is essential for the fuel gas 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.

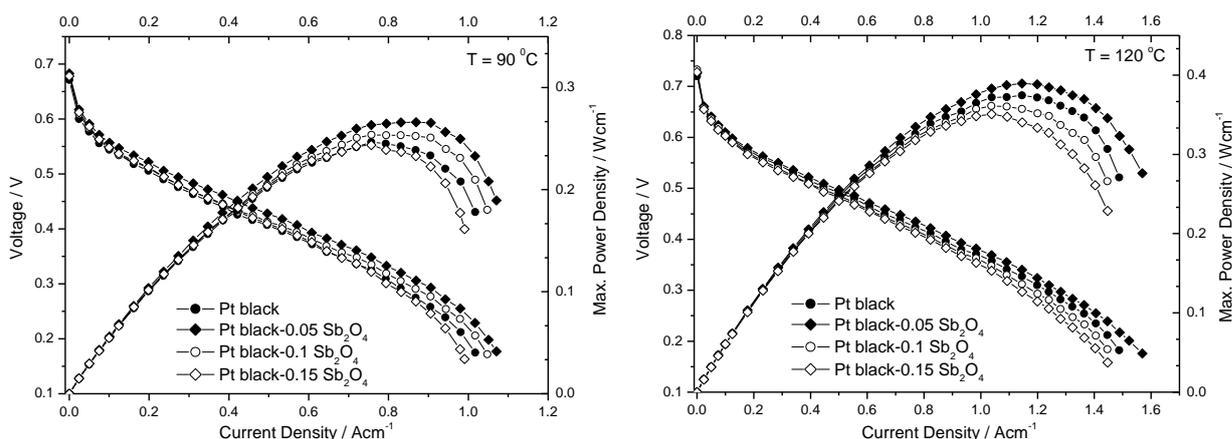


Fig. 1 The polarization curves compared to pure Pt catalyst operated at (a) 90°C and (b) 120°C.

Figure/Table description
EFCF_Text (centered)

And at the end of the docx

Keywords: EFCF 202x, Fuel Cells, Electrolysers, (add your own 3-5 keywords in this format)

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 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 Subtitles 1: 14 pt-bold Subtitles 2: 12 pt-bold Text, equations, references etc.: 12 pt-normal</p>	<p>EFCF_Title EFCF_Authors EFCF_Address EFCF_Tel/Mobile EFCF_Subtitle1 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) (1) Uni Top, Institute of Ceramic Technologies; Clean Town/Wonderland (2) Innofirm Services; Tech City/Katland</p>	<p>EFCF_Authors EFCF_Address EFCF_Address 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-2023_AbstractPaper_B1305_SamplePaperFile.pdf".
10. **Keywords:**
Add in the given format your specific keywords at the end after the given keywords:
"Keywords: EFCF 202x, Fuel Cells, Electrolysers," and clean the wrong ones.

Hard copy manuscripts are not accepted.