



NRC Publications Archive Archives des publications du CNRC

Investigation on the fatigue fracture characteristics between friction-stir welded aluminium overlap joints with different alloys and tools
Gariépy, Alexandre; Nadeau, François; Gambou-Bosca, Axel; Grégoire, Hélène

This publication could be one of several versions: author's original, accepted manuscript or the publisher's version. /
La version de cette publication peut être l'une des suivantes : la version prépublication de l'auteur, la version acceptée du manuscrit ou la version de l'éditeur.

Publisher's version / Version de l'éditeur:

Proceedings of the 12th International Symposium on FSW, 2018-06

NRC Publications Record / Notice d'Archives des publications de CNRC:

<https://nrc-publications.canada.ca/eng/view/object/?id=0d5755da-e20e-410d-ad0e-bc0a4923f131>
<https://publications-cnrc.canada.ca/fra/voir/objet/?id=0d5755da-e20e-410d-ad0e-bc0a4923f131>

Access and use of this website and the material on it are subject to the Terms and Conditions set forth at

<https://nrc-publications.canada.ca/eng/copyright>

READ THESE TERMS AND CONDITIONS CAREFULLY BEFORE USING THIS WEBSITE.

L'accès à ce site Web et l'utilisation de son contenu sont assujettis aux conditions présentées dans le site

<https://publications-cnrc.canada.ca/fra/droits>

LISEZ CES CONDITIONS ATTENTIVEMENT AVANT D'UTILISER CE SITE WEB.

Questions? Contact the NRC Publications Archive team at PublicationsArchive-ArchivesPublications@nrc-cnrc.gc.ca. If you wish to email the authors directly, please see the first page of the publication for their contact information.

Vous avez des questions? Nous pouvons vous aider. Pour communiquer directement avec un auteur, consultez la première page de la revue dans laquelle son article a été publié afin de trouver ses coordonnées. Si vous n'arrivez pas à les repérer, communiquez avec nous à PublicationsArchive-ArchivesPublications@nrc-cnrc.gc.ca.



```

<?xml version="1.0" encoding="utf-8"?>
<mods xmlns="http://www.loc.gov/mods/v3" xmlns:xsi="http://www.
  <titleInfo xml:lang="en">
    <title>Investigation on the fatigue fracture characterist
  </titleInfo>
  <name authority="nrcpid" type="personal" valueURI="urn:nrcpi
    <namePart type="family">GariÃ©py</namePart>
    <namePart type="given">Alexandre</namePart>
    <role>
      <roleTerm authority="marcrelator" type="code">aut</rol
    </role>
    <affiliation xml:lang="en">AST</affiliation>
    <affiliation xml:lang="fr">ATS</affiliation>
  </name>
  <name authority="nrcpid" type="personal" valueURI="urn:nrcpi
    <namePart type="family">Nadeau</namePart>
    <namePart type="given">FranÃ§ois</namePart>
    <role>
      <roleTerm authority="marcrelator" type="code">aut</rol
    </role>
    <affiliation xml:lang="en">AST</affiliation>
    <affiliation xml:lang="fr">ATS</affiliation>
  </name>
  <name authority="nrcpid" type="personal" valueURI="urn:nrcpi
    <namePart type="family">Gambou-Bosca</namePart>
    <namePart type="given">Axel</namePart>
    <role>
      <roleTerm authority="marcrelator" type="code">aut</rol
    </role>
    <affiliation xml:lang="en">AST</affiliation>
    <affiliation xml:lang="fr">ATS</affiliation>
  </name>
  <name authority="nrcpid" type="personal" valueURI="urn:nrcpi
    <namePart type="family">GrÃ©goire</namePart>
    <namePart type="given">HÃ©lÃ©ne</namePart>
    <role>
      <roleTerm authority="marcrelator" type="code">aut</rol
    </role>
    <affiliation xml:lang="en">AST</affiliation>
    <affiliation xml:lang="fr">ATS</affiliation>
  </name>
  <name type="conference" xml:lang="en">
    <namePart>12th International Symposium on Friction Stir W
  </name>
  <typeOfResource>text</typeOfResource>
  <genre authority="marcgt">article</genre>
  <language>
    <languageTerm authority="iso639-2b" type="code">eng</lang
  </language>
  <originInfo xml:lang="en">
    <dateIssued encoding="w3cdtf">2018-06</dateIssued>
    <publisher xml:lang="en">The Conference</publisher>
  </originInfo>
  <abstract xml:lang="en">In this study, overlap FSW joints we
  <subject xml:lang="en">
    <topic>overlap joint</topic>
    <topic>aluminium alloys</topic>
    <topic>tool shape</topic>
    <topic>fatigue</topic>
  </subject>
  <note type="peer reviewed">yes</note>
  <note type="nrc pub">yes</note>
  <relatedItem type="host">
    <titleInfo xml:lang="en">
      <title>Proceedings of the 12th International Symposiur
    </titleInfo>
  </relatedItem>
  <extension>
    <organization authority="nrcna" valueURI="urn:nrcna:IN144

```

```
<term xml:lang="en">Automotive and Surface Transportat
<term xml:lang="fr">Automobile et transport de surface
</organization>
<organization authority="nrcna" valueURI="urn:nrcna:IN13"
  <term xml:lang="en">National Research Council Canada</
  <term xml:lang="fr">Conseil national de recherches Can
</organization>
<taxonomy authority="nrcna" valueURI="urn:nrcna:GX520">
  <term xml:lang="en">National Research Council Canada</
  <term xml:lang="fr">Conseil national de recherches Can
</taxonomy>
<taxonomy authority="nrcna" valueURI="urn:nrcna:GX1041">
  <term xml:lang="en">NRC Publications Archive (NPARC)</
  <term xml:lang="fr">Archives des publications du CNRC
</taxonomy>
</extension>
</mods>
```