

ESA STUDY CONTRACT REPORT – Deliverable D 5.3 Virtual simulation software		
ESA Contract No: 400114452/15/ NL/NDe	SUBJECT: Final, D 5.3 Virtual simulation software	CONTRACTOR: Riga Technical University, Institute of Materials and Structures
* ESA CR()No:	No. of Volumes:1 This is Volume No:1	CONTRACTOR'S REFERENCE: 62518 (bidder code)
ABSTRACT: <p>The current deliverable is a set of software developed within ESA Contract No 400114452/15/NL/NDe.</p> <p>The software includes:</p> <ul style="list-style-type: none"> * Automated Surface Image Analysis (ASIA) toolbox for MATLAB - available in the "ASIA toolbox" directory. * Two versions of Analytical Indentation Model (AIM) for MATLAB - available in the "AIM" directory. * MAC script for MATLAB - available in the "MAC" directory. * ColorThick - available in the "ColorThick" directory. <p>Software delivered to ESA on CD-base/USB, nevertheless it was made available the _____ cloud: https://drive.google.com/file/d/1iFGIGJa43zUphgzMSdNmgJaKlhXWKIFv/view</p> <p>All supported documentation of delivered software are described in D5.4 which is required for efficient implementation of the software.</p>		
<p>The work described in this report was done under ESA Contract. Responsibility for the contents resides in the author or organisation that prepared it.</p>		
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** NAME OF ESA STUDY MANAGER: DIV: DIRECTORATE:	** ESA BUDGET HEADING:	

Software disclaimer.

The disc contains software developed during the project with ESA Contract No 400114452/15/NL/NDe.

The software includes:

- * Automated Surface Image Analysis (ASIA) toolbox for MATLAB - available in the "ASIA toolbox" directory.
- * Two versions of Analytical Indentation Model (AIM) for MATLAB - available in the "AIM" directory.
- * MAC script for MATLAB - available in the "MAC" directory.
- * ColorThick - available in the "ColorThick" directory.
- * A full copy of project's website - available in the "Website (SIV, CAIV, AMCT)" directory.
The website also includes the following developed tools:
 - * Surface Inspection Viewer (SIV)
 - * Compression After Impact Viewer (CAIV)
 - * ANSYS Model Configuration Tool (AMCT)

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