

INFORMAȚII PERSONALE

BENCZE Andrei

📍 Str. Petuniei, nr. 11, Codlea, 505100, România

☎ 0765 600 141

✉ andrei.bencze@unitbv.ro

Data nașterii 04/09/1981 | Naționalitatea Română

LOCUL DE MUNCĂ PENTRU
CARE SE CANDIDEAZĂ
POZIȚIA**Șef de lucrări / Poziția 29 (Departamentul de Inginerie Mecanică)**

EXPERIENȚA PROFESIONALĂ

- | | |
|-------------------|--|
| 10.2020 - prezent | Cadru didactic asociat (part time, 20 ore pe săptămână în prezent) Universitatea Transilvania din Brașov, Facultatea de Inginerie Mecanică <ul style="list-style-type: none">▪ Curs, Seminar, Laborator, Proiect la materiile: Mecanică, Rezistența Materialelor, Mecanica Aeronavelor, Programare |
| 06.2020 – 04.2022 | Inginer calcule structuri aerospațiale Premium Aerotec, Brașov <ul style="list-style-type: none">▪ Proiectare și calcul structuri primare aeronave (FEM, calcul clasic etc.), Verificare, Certificare |
| 04.2019 – 05.2020 | Inginer calcule structuri aerospațiale MT Aerospace, Augsburg, Germania <ul style="list-style-type: none">▪ Proiectare și calcul structuri primare aeronave (FEM, calcul clasic etc.), Verificare, Certificare |
| 06.2014 – 11.2018 | Inginer calcule structuri aerospațiale GDC-Engineering, Oberpfaffenhoffen / München, Germania <ul style="list-style-type: none">▪ Proiectare și calcul structuri primare aeronave (FEM, calcul clasic etc.), Verificare, Certificare |
| 05.2011 – 05.2014 | Inginer calcule structuri aerospațiale Premium Aerotec (EADCO), Augsburg, Germania <ul style="list-style-type: none">▪ Proiectare și calcul structuri primare aeronave (FEM, calcul clasic etc.), Verificare, Certificare |
| 01.2009 – 04.2011 | Inginer calcule structuri aerospațiale CONSARO, Augsburg, Germania <ul style="list-style-type: none">▪ Proiectare și calcul structuri primare aeronave (FEM, calcul clasic etc.), Verificare, Certificare |

EDUCAȚIE ȘI FORMARE

- 10.2005 – 12.2008 **Doctor în inginerie mecanică**
 Universitatea Transilvania din Brașov
- Mecanica
- 10.2004 – 6.2005 **Studii aprofundate (durata 1 an)**
 Universitatea Politehnică din București, Facultatea de Inginerie Aerospațială
- Mecanică
 - Stabilitatea și dinamica zborului
 - Fluide / Aerodinamică
- 10.1999 – 06.2004 **Inginer diplomat (durata 5 ani)**
 Universitatea Transilvania Brașov, Facultatea de Inginerie Mecanică, Secția Construcții Aerospațiale
- Mecanică
 - Mecanica aeronavelor
 - Rezistența Materialelor
 - Stabilitatea și dinamica zborului
 - Calculul și construcția aeronavelor
 - Metoda Elementelor Finitite
 - Fluide / Aerodinamică
 - Proiectare asistată

COMPETENȚE PERSONALE

Limba maternă Româna

Alte limbi străine cunoscute

| | ÎNȚELEGERE | | VORBIRE | | SCRIERE |
|--|------------|--------|----------------------------|--------------|---------|
| | Ascultare | Citire | Participare la conversație | Discurs oral | |
| Engleză | B2/C1 | B2/C1 | B2/C1 | B2/C1 | B2/C1 |
| Nivel tehnic (utilizare zilnică în ultimii 12 ani) | | | | | |
| Germană | B1 | B1 | B1 | B1 | B1 |
| Certificat B1 | | | | | |

Niveluri: A1/2: Utilizator elementar - B1/2: Utilizator independent - C1/2: Utilizator experimentat
 Cadrul european comun de referință pentru limbi străine

Competențe de comunicare

- bune competențe de comunicare dobândite prin experiența în muncă, lucrul în echipe internaționale, comunicare cu clienții și contractorii
- bune competențe de comunicare dobândite în urma activităților de voluntariat / civice
- competențe de comunicare dobândite în urma activităților didactice din cadrul Universității Transilvania din Brașov

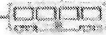
- Competențe informatice
- MS Office: Word, Excel, Power Point, Access
 - Programming: VBA, Turbo Pascal, C++, Basic, Auto-Lisp, Python, MatLab
- Alte competențe
- Metode analitice: HSB, Bruhn, Niu
 - FEM: MSC PATRAN / NASTRAN + Laminate Modeler, ABAQUS, HyperMesh, ANSYS
 - CAD: CATIA v5, Pro-E, AUTO-CAD, MATHCAD
- Cursuri, Certificari, Diplome
- - MSC Patran Advanced User: MSC, Munchen, 2016
 - - MSC Nas. Composite Mat.+LMA: MSC, Munchen, 2016
 - - SmarTeam Technical Signatories: GDC-E, Oberpfaffenhofen, 2016
 - - Gateway 3DExperience Platform: Dassault Systems, Oberpfaffenhofen, 2016
 - - PLM-Light – Doc. Management: PAG, Augsburg, 2013
 - - PAG Technical Signatories: PAG, Augsburg, 2013
 - - Fatigue and Damage Tolerance: PAG, Augsburg, 2012
 - - ISAMI Stress – Static: EADS, Augsburg, 2012
 - - PDM Link: EADS, Augsburg, 2012
 - - DQN Engineering for Supplier: EADS, Augsburg, 2012
 - - SAP PAC Concessions: AIRBUS, Augsburg, 2011
 - - DMU VPM A350 Consultation: EADS, Augsburg, 2011
 - - Fatigue and Damage Tolerance: Fokker, Romania, 2008
- Permis de conducere
- Cat. B

ANEXE

- copii ale diplomelor și certificatelor academice și de calificare;
- lista publicațiilor

CERTIFICATE

of successful seminar participation at the MSC Institute of Technology



Seminar Title

MSC Software Seminar – NAS113+PAT325
MSC Nastran Composite Material Analysis +
Laminate Modeler Introduction

Name of participant

Dr. Andrei Bencze

Date of Seminar

30.08.-01.09.2016

Frank Valpert

MSC Software GmbH, Germany

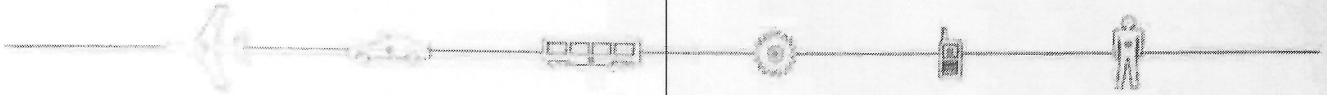
[Signature]

Teacher

MSC X Software
Simulating Reality, Delivering Certainty™

CERTIFICATE

of successful seminar participation at the MSC Institute of Technology



Seminar Title

**MSC Software Seminar – PAT302
Patran Advanced User**

Name of participant

Dr. Andrei Bencze

Date of Seminar

14.-17.11.2016

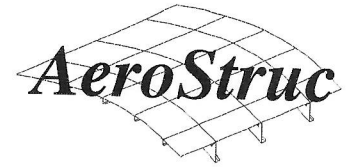
Frank Valpertz

MSC Software GmbH, Germany

[Handwritten Signature]

Teacher

MSC X Software
Simulating Reality, Delivering Certainty™



Aeronautical Engineering

Fatigue & Damage Tolerance

Certificate of Attendance

Herewith we confirm, that

Mr. **Andrei Bencze**

has attended the

Fatigue & Damage Tolerance Training for Metal Structure

at Premium AEROTEC in Augsburg, from February 13 to 15, 2012.

The course comprised approximately 21 hours lectures and presentations.

Subjects:

- Fatigue resistant and damage tolerant design
- History of fatigue, conclusions and regulations
- Fatigue and damage tolerance analysis including load spectra and maintenance
- Design and analysis of repairs and allowable damages
- Definition of allowable stresses
- Programs for full scale fatigue tests
- Aging aircraft and life extension including widespread fatigue damage evaluation
- Laser beam welding

Lecturer:

Bianka Schmidt-Brandecker, Dipl.-Ing.

Buxtehude, April 2, 2012

AeroStruc – Aeronautical Engineering
An der Rehwiese 26, 21614 Buxtehude, Germany
HJB.Schmidt@t-online.de

B. Schmidt-Brandecker
(Bianka Schmidt-Brandecker)

Course Certificate

From
Global Technics B.V.

Participant: Andre Bencze

Period: 23 - 25 June 2008

Trainers: S. Bosscher

Course: FATIGUE AND DAMAGE TOLERANCE COURSE

Signature

S. Bosscher



A handwritten signature in black ink, appearing to read 'S. Bosscher', is written over a horizontal line.

EADS Learning Services (ELS) Certificate of Attendance

Herewith EADS Learning Services in Germany certify that

Mr Andrei BENCZE

Employee in **PREMIUM AEROTEC GmbH AUGSBURG ()**

Has attended the following training course:

ISAMI STRESS TRAINING - STATIC

This **21.00** hour programme took place from **28/03/2012** to **30/03/2012** in

Premium Aerotec Augsburg - Haunstetter Str. 225, 86179 AUGSBURG (GERMANY)

Signed this **12/04/2012**, in **Hamburg**

For and on behalf of

EADS Learning Services

By: Christian FLÖTER



Electronically signed

Certificate

Airbus
Quality
Academy

Germany

Andrei BENCZE

has successfully participated the course

STRU CONCESSION Suppl. Eng. Ass & Va

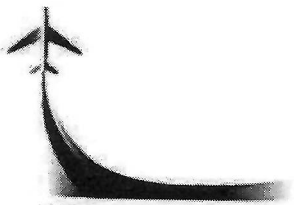
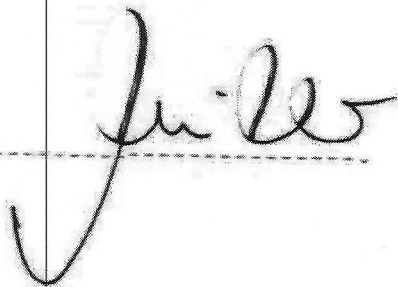
on **10.06.2011**

Content:

1. General view of Structure Concession Sub -Process: principles and functional rules
2. Concession analysis: management of Concession in one's SAP PAC Inbox (Business workplace), actions that could be done on Concessions: Transmission to another team, refuse, reject, return to the supplier or return to a previous task
3. Engineering response : technical answer, suffixes management disposition, documents creation (informative documents, assessment documents, answer document), Design Office Specialist task creation complete one's task
4. Verification of analysis completeness, complete one's task
5. Concession follow -up in SAP PAC: use of transaction MC01,6. Practical exercises in training environment

Trainer: Cristoph Noack

20. Juni 2011



Airbus Quality Training
Deutschland



AIRBUS

EADS Learning Services (ELS) Teilnahmebestätigung

Hiermit bestätigt EADS Learning Services in Deutschland, dass

Herr Andrei BENCZE

Mitarbeiter der Firma **PREMIUM AEROTEC GmbH AUGSBURG ()**

an folgendem Kurs teilgenommen hat:

10 DQN ENGINEERING FOR SUPPLIER

Dieser **8.00** -stündige Kurs fand vom **03/05/2012** bis zum **03/05/2012** in
Augsburg

statt.

Unterschrieben am **08/05/2012**, in **Bremen**

Für und im Auftrag von
EADS Learning Services

Von: Christian FLÖTER



elektronische Unterschrift

Teilnahmebescheinigung

Herr Andrei Bencze, PEKT1


hat am 21.06.2013 an der Qualifizierungsmaßnahme
Awareness for PAG-Technical Signatories
teilgenommen.

Inhalt:

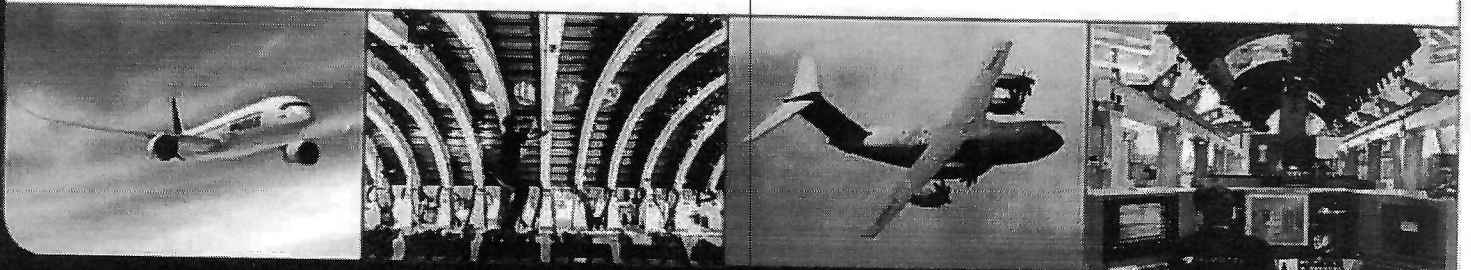
- luftrechtliche Anforderungen
- Airbus Vorschriften (z.B. AP1020, ES Policy)
- PAG Verfahrensanweisung
- Design Organisation Interface Document (DOID)
- Delegationsprozess
- Verantwortungsbereich der Technical Signatories
- Document Type Level List (DTLL)

Dauer: 4,00 Stunden
Referent: Andreas Kreß, PQPE

Augsburg, 21.06.2013



Michael Kramer, PHOA1
Aus- und Weiterbildung



CERTIFICATION OF ATTENDANCE

Andrei Bencze
PREMIUM AEROTEC GmbH

has participated the course

PDMLink SSCI Def.Ph. - Reader (E)

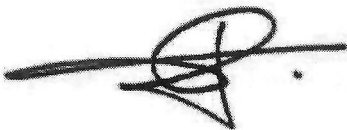
From on the 25th of May 2011.

The following single topics were treated:

- Definition Dossier overview
- PDMLink SSCI functionalities overview
- Product View (for Airbus employees only)
- Definition Phase numbering rules
- Definition Dossier consultation
- Change Process consultation
- Weight Report consultation

Trainer: R. Michaelis

Hamburg, June 6, 2011



David Jacquemond
Head of Operations
Engineering Structure Faculty

AIRBUS OPERATIONS S.A.S.



Birgit Planitz
Deployment Coordinator Germany
Engineering Structure Faculty

AIRBUS OPERATIONS GmbH

Distribution
Personal file
Participant
Please, pass on a copy to your line manager

CERTIFICATION OF ATTENDANCE

Andrei Bencze
Premium Aerotec GmbH

has participated the course

VPM A350 - DMU Consultation (E)

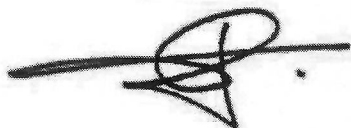
on the 04th of November 2011.

The following single topics were treated:

- Overview of VPM
- Interface presentation
- Basic queries in VPM (search objects, CAD documents)
- Load data in CATIA
- Overall process presentation (VPM – PDMLink SSCI – CATIA) Mock-up review
- Access to the mock-up for review (filtering, boxing, configuration filtering, advanced queries, capitalized CGR)
- Clash review

Trainer: G. Pertenbreiter

Hamburg, December 2, 2011



David Jacquemond
Head of Operations
Engineering Structure Faculty

AIRBUS OPERATIONS S.A.S.



Birgit Planitz
Deployment Coordinator Germany
Engineering Structure Faculty

AIRBUS OPERATIONS GmbH

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