

QualiFibre

Qualification and Diagnosis of Carbon and Glass Fibre-Reinforced Composites with Non-Destructive Measurement Technologies

Dissemination Activities

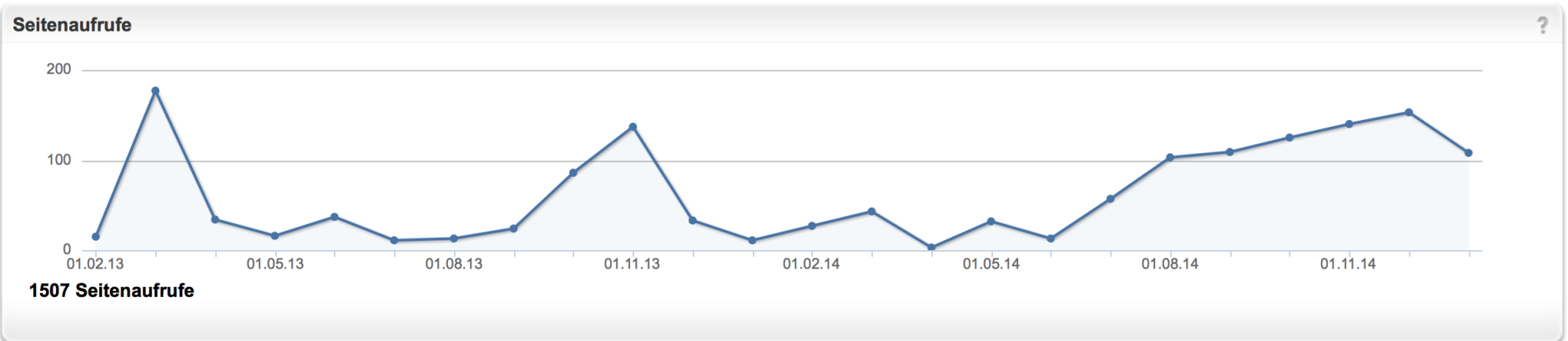
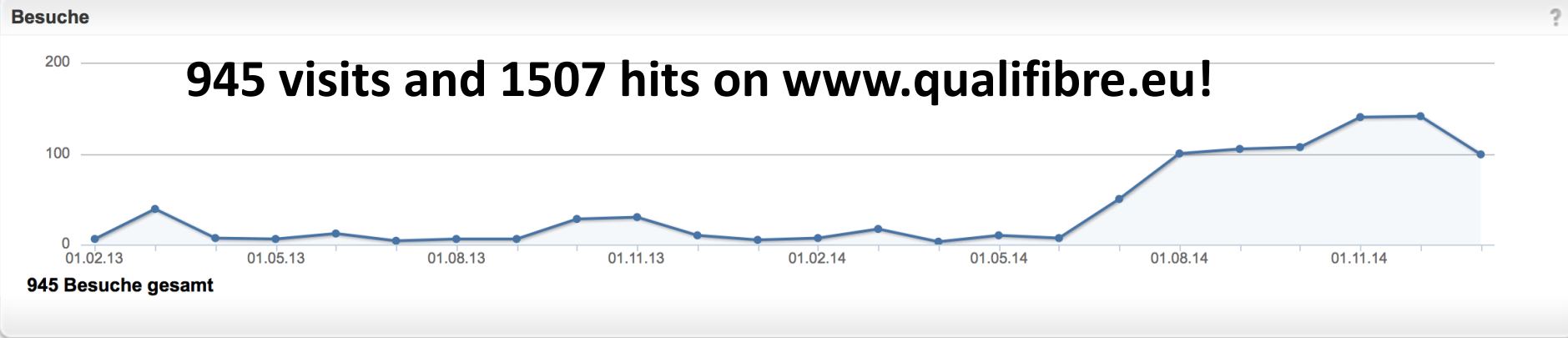
28/01/2015, Halle, Germany



Dissemination

- overall dissemination manager is STW:
 - coordinates the dissemination in the scientific community
 - monitors the progress in achieving the planned dissemination aims
- All partners contribute to dissemination by planning of publications, trade fairs, workshops, etc.
- In order to reach the public thoroughly a website for QualiFibre has been established (www.qualifibre.eu)
- Some dissemination activities have been performed in the first reporting period
- Most of the dissemination activities have followed in the second reporting period (see also D 8.2: draft dissemination plan and D 8.3: final dissemination plan)

Web Analytics



Dissemination Activities

Originally planned dissemination activities:

Planned Dissemination Activities	responsible
Project website	STW
10 publications in relevant journals	all
10 contributions to national and international conferences	all
Organisation of 3 workshops	STW, IPA, EMPA
Contributions to conferences of European user groups and associations (e.g. VDMA, Carbon Composites e.V., DGZfP)	all
Participation in trade fairs like CONTROL, VISION, etc.	all

Performed Dissemination Activities

Partner	Type of Dissemination Activity	Date	Title or short description of activity
STW	Conference	06.06.2013	Conference of training manager of Cooperative State University Baden-Württemberg Heidenheim
ST	Presentation	24.04.2013	DICOM („Thinking in Composites“), 8. Regular's Table, 24.04.2013, Magdeburg, Presentation of the possibilities of the non-contact Ultrasound Testing of Composites
IPA, WI, RayScan	Presentation and booth on Control trade fair	14. - 17.05.2013	Frommknecht, Andreas; Julia Kroll; Effenberger Ira: "Moderne 3D-Datenauswertungsmethoden zur automatisierten Qualitätskontrolle von Faserverbundkunststoffen", Fraunhofer IPA Eventforum, Control 2013, Stuttgart (Germany)
IPA	presentation at workshop	25.10.2013	Presentation "3D Texturanalyse als Mittel zur automatisierten Qualitätskontrolle von Faserverbundkunststoffen" at Meeting AG-Klebtechnik; AG-Engineering; AG-NDE in Werkstoff- und Bauteilprüfung, Carbon Composites e.V., Meitingen (Germany)
IPA	publication	October 2013	Effenberger, Ira et al.: "Messen und Prüfen von Faserverbundbauteilen - Kombination etablierter und neuer Methoden", in Qualität und Zuverlässigkeit, 10/2013, Hanser München

Performed Dissemination Activities

Partner	Type of Dissemination Activity	Date	Title or short description of activity
IPA	talk	13th Nov. 2013	Ira Effenberger: "Zerstörungsfreie Inspektion von Faserverbundbauteilen mit Computertomographie, Thermographie und Shearographie"
STW	Book	end of year 2013	Anniversary Publication of Steinbeis
IPA	Conference	25.02. - 28.02.2014	Frommknecht, Andreas; Effenberger, Ira: "Texture based algorithm for analyzing defects and fibre orientation of fibre reinforced plastics" (poster and paper), Conference on Industrial Computed Tomography 2014, Wels (Austria)
IPA, WI, RayScan, ST	Presentations and exhibition	06.05. - 09.05.2014	Several presentations and exhibition on „Qualitätssicherung für neue Materialien: Mess- und Prüftechnik im Leichtbau“ at Fraunhofer IPA Eventforum, Control 2014, Stuttgart (Germany)
ST	Talk	26.-28.05.2014	L. Hagner, T. Höhndorf, A. Bodi, Koppelmittelfreie Ultraschall-Kleinprüfanlage für Verbundwerkstoffe, DGZFP-Jahrestag
IPA	Presentation/exhibit	07.10. - 09.10.2014	Presentation and exhibit at Composite Europe 2014, Düsseldorf (Germany)
IPA	Presentation/exhibit	end of 2014	Presentation and exhibit at Fachtagung Carbon Composites 2014, Augsburg, Germany
IPA	Exhibit at trade fair	04.11.- 06.11.2014	Fraunhofer IPA; booth and exhibit with presentation of QualiFibre software framework
STW	Workshop	22.05.2014	Workshop with associated partners to review project results, Duale Hochschule Heidenheim, Germany

Performed Dissemination Activities

Partner	Type of Dissemination Activity	Date	Title or short description of activity
ST	Talk	25. bis 27. Juni 2014	Holstein, P., Heuert, U. Grellmann, W. Hagner, L., Gai, S. Hochauflösende Ultraschall-Prüftechnik zur Detektion und Klassifizierung von Fügefehlern PolymerTec, in Merseburg
ST	Talk	17.-18.06.2014	Holstein, P., Münch, H.-J., Mück, A, Kontaktfreie Kunststoffprüfung als Herausforderung an Messtechnik und Sensorik Kloster Drübeck, 2. Workshop des Fachausschusses Ultraschall der DEGA e.V., Workshop Messtechnische Anwendungen von Ultraschall
STW	Article/Publication	August 2014	research report for mechanical engineering in Baden-Württemberg
STW	Article/Publication	2014	report on QualiFibre in Steinbeis Transfer Magazine Holstein, P., Heuert, U., Münch, H.-A., Kiel, M.
ST	Talk & Paper	6-10 Oct. 2014	A Modular Approach to Non-Contact Ultrasonic Testing of Composites 11th European Conference on NDT; Prag, Holstein, P., Heuert, U., „Advanced Equipment for modern NDT-technique“ TransHal 2013, Wissenschaft trifft Wirtschaft, 30.10.2014
ST	Round Table	30.10.2014	Round Table discussion

Performed Dissemination Activities

Partner	Type of Dissemination Activity	Date	Title or short description of activity
IPA + WI	Presentation at conference	05.11.2014	Andor Bariska, Ira Effenberger: „Auswerteverfahren für die zerstörungsfreie 2D- und 3D-Prüfung von Faserverbundbauteilen in der Praxis“
Rayscan	Presentation at conference	05.11.2014	Dr. Christoph Sauerwein: „Möglichkeiten und Anwendungen der industriellen CT im Leichtbau“
ST	Presentation at conference	05.11.2014	Prof. Peter Holstein: „Kontaktfreie Ultraschallprüfung von Leichtbauteilen“
STW	Conference	26.09.2014	Steinbeis Tag 2014

Planned Dissemination Activities in 2015 and in the future



Partner	Type of Dissemination Activity	Date	Title or short description of activity
STW	Conferece	12.02.2015	Lecturers Conference at DHBW Heidenheim
IPA	Presentation at conference	05.05. – 08.05.2015	Booth on CONTROL trade fair in Stuttgart, Germany Topic 2015: Multi-Sensor systems for metrology and inspection http://www.eventforum.ipa.fraunhofer.de/
IPA, All partners	Workshop	07.07.2015	Workshop „Prüfung von Faserverbundbauteilen“ at Fraunhofer IPA, Stuttgart, all partners are invited to present QualiFibre results as lecturer
STW	Presentation at conference	07.05.2015	Training Managers Conference at DHBW Heidenheim
STW	Conference	25.09.2015	Steinbeis Tag 2015 Holstein, P., Bodi, A., Effenberger, I., Springhoff, A., Steinhausen, R. Automatische Fehlererkennung in Kunststoffkompositbauteilen
ST	Poster & Article	11.-13.05.2015	11.-13.05.2015, Salzburg, Austria

Planned Dissemination Activities 2015

Fraunhofer IPA Eventforum

Large booth on CONTROL trade fair
5.5.-8.5.2015

Topic 2015:
“Multi-sensor systems for metrology
and inspection”

Presentations and exhibits

www.eventforum.ipa.fraunhofer.de



Planned Dissemination Activities 2015

Workshop “Prüfung von Faserverbundteilen” at Fraunhofer IPA:

- Tuesday, 7th July 2015 at Fraunhofer IPA in Stuttgart
- Presentation of different technologies for non-destructive testing of CRP/GRP: CT, Dark Field, thermography, ultrasound
- Presentation of QualiFibre results
- All partners are invited to participate as lecturer and with demonstrator

Did we reach our goals?

- Website established ✓
- Most of the originally planned dissemination activities reached ✓
- Minor deviations in the total number of dissemination activities (✓)

Planned Dissemination Activities	responsible
Project web site	STW
10 publications in relevant journals	all
10 contributions to national and international conferences	all
Organisation of 3 workshops	STW, IPA, EMPA
Contributions to conferences of European user groups and associations (e.g. VDMA, Carbon Composites e.V., DGZfP)	all
Participation in trade fairs like CONTROL, VISION, etc.	all

... but dissemination activities of QualiFibre are being continued after the project!