

Typ	Titel	År (slut)	Vad/Vem
CJS - Centre of Joining and Structures	Resistance Spot Welding of 22MnB5 boron steel with different thickness of the AlSi-coating	2016	Kimab/Swerim
CJS - Centre of Joining and Structures	Weldability of 1900 Mpa boron steels	2016	Swerim
CJS - Centre of Joining and Structures	Evaluation of Adaptive Systems for Resistance Spot Welding of thin sheet aluminium	2018	Swerim
CJS - Centre of Joining and Structures	Spot welding of hot formed material	2018	Swerim
CJS - Centre of Joining and Structures	LUS as NDT method for RSW	2020	Swerim
CJS - Centre of Joining and Structures	RSW of high strength stainless steel to Zn-coated Carbon steel	2020	Swerim
CJS - Centre of Joining and Structures	Spot welding of hot formed material II	2020	Swerim
CJS - Centre of Joining and Structures	Welding of Zn-coated Boron steel	2021	Swerim
CJS - Centre of Joining and Structures	Shunt Distance for Resistance Spot Welding	2022	Swerim
Eu-projekt	ALLIANCE AffordabLe Lightweight Automobiles AlliaNCE	2019	Swerim
Konferensbidrag	Statistical Analysis of variations of resistance spot weld nugget sizes	2011	Oscar Andersson
Konferensbidrag	Simulation of Variation in Assembly Forces Due to Variation in Spot Weld Position	2013	K Wärmefjord, R Söderberg, L Lindkvist
Konferensbidrag	Weldability of Aluminium Alloys for Automotive Applications	2017	D Löveborn
Licentiatavhandling	Mechanical Properties of Resistance Spot Welds in Lightweight Applications	2013	Davood Afshari
Licentiatavhandling	Process planning of resistance spot welding	2013	Oscar Andersson
Licentiatavhandling	Challenges in Resistance Welding of Ultra High Strength Steels	2015	Erik Tolf
Rapport	Evaluation of non-destructive testing methods for automatic quality checking of spot welds	2012	Anna Runnemalm
Rapport	Automated NDT cell for quality checking of spot welds	2013	Anna Runnemalm
Examensarbete	Modelling of spot welds for NVH simulations in view of refined panel meshes	2007	TORSTEN EPPLER & ROLF SCHATZ

Examensarbete	Fatigue Life and Stiffness of the Spider Spot Weld Model	2014	JOEL ANDERSSON & JONATAN DELESKOG
Examensarbete	3D FE Simulations of Resistance Spot Welding	2016	David Löveborn
Examensarbete	Modeling of Spot Weld with Failure for Crash Simulations	2017	ADHINATHAN SRINIVASAN RAJALAKSHMI & TISHKO SHAFIQ
Examensarbete	A comparative study between conventional fixed and advanced adaptive control system for resistance spot	2018	Caroline Bohlin
Examensarbete	Development of a Highly Flexible Geometry Station for Versatile Production Systems in Automotive Body Construction : A Station designed for Joining of Body-in-White Assemblies duringan Integration of Electric Vehicles	2018	Erik Knutsson
Examensarbete	Innovative Methods for Welding Ultra High Strength Steel with Resistance Spot Welding	2018	Rickard Alden
Examensarbete	Resistance Spot Welding of AISi-coated Ultra High Strength Steel : An experimental study	2019	Kristofer Hjelmtorp
Examensarbete	Evaluation of Shunt Distance in Resistance Spot Welding	2020	Daneil Fredriksson et al.
Examensarbete	Multidisciplinary optimization for spot welding locations	2020	S Tangella, V Devarajan
Examensarbete	Techniques for Improving Weldability and Testing of Weld-bonded Joints	2020	Mattias Myhr
Examensarbete	Optimization of adaptive control for spot welding	2022	Felix Lindblom
VINNOVA	MERA PUHS -	2012	
VINNOVA	ROWELDAL – Robust spot welding for next generation of light-weight vehicles	2016	Swerim
VINNOVA	Innovativ RSW Elektrod för Lättviktsdesign	2020	Swerim
VINNOVA	DIGFOG - Smarta Digitaliserade Fogningsprocesser	2020	Swerim
VINNOVA	KNIW - Konceptstudie för Ny Innovativ motståndssvetsning	2021	Swerim
VINNOVA/FFI	AWIC Adaptive welding intendention control	2017	Swerim
VINNOVA/FFI	BONDLIGHT Optimized weldbonding for lighter material designs	2022	Swerim
VINNOVA/FFI	SPOTLIGHT - Punktsvetsning för lättviktskonstruktioner	2013	Swerim
VINNOVA/FFI	MULTIM - Utmaningar inom multimaterialkonstruktion	2019	Swerim

VINNOVA/FFI

PROFS - New Approach for Weldability and Process  
Robustness Testing for Spot Welding

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