

Civilingenjörstudenter presenterar sina
examensarbeten

28-31 maj

2018

Välkomna!



STUDENTER 2018

AYMEN ISMAIL
ALBIN BERNHARDSSON
ALEXANDER BONECK
ALMIR MIZIMOVIC
ANDREAS FLÖJT
ANDREAS JONASSON
ANDREAS PERSSON
ANNA GRÖNVALL
ANNIKA HANSSON
ANTON STERNER
BENNY MÅRTENSSON
CARL-PHILIP BERTILSSON
CHRISTIAN REMLE
DANIEL LARMARK
DAVID HJERPE
EMELIE HAGELBORG
EMINA DEDIC
ERIC STRÖMBÄCK
FILIP STANISIC
HANNA KARLSSON
HENRIK BENGTSSON
IVAR BJÖRLING
JESPER PALMGREN
JIM NILSSON
JINT VAN REEDEN
JOAKIM NILSSON
JOHANNA PERSSON

JOHANNA STRAND
JOJJE SUNDBLAD
JONAS BARSING
JONAS KOSKINEN
JONATHAN HEIMBRAND
KAROLIS POSKUS
LUKAS LANDENSTAD
MARKUS LIND
MARTIN NILSSON
MAX PERSSON
MIRANDA IDBERG
NOH SAEED
OSKAR EDBRO
PETER HEDMAN SURLIEN
PETER VALTERSSON
RAWAND FREDRIKSSON
REBECKA LARSSON
ROBIN BERGLIND
SEBASTIAN FISCHER
SIMON KNUTSSON
SIMON THORSTENSSON
TIM LARSSON
TOBIAS KARLSSON
VICTOR LJUNGDAHL
VIKTOR REHN
VIKTOR SJÖBLOM
ZHUOHANG ZHOU

MÅNDAG 28/5

10:00 - 16:00

Sal C313A

JOHANNA PERSSON

A STUDY ABOUT PURCHASE INTENTIONS FOR GREEN DURABLE GOOD

| TARKETT AB

EXAMINATOR: EMIL NUMMINEN
HANDLEDARE: HENRIK SÄLLBERG
OPPONENT: EMINA DEDIC

JESPER PALMGREN & MAX PERSSON

SNEDVRIDNINGAR OCH SPARANDE

| BTH

EXAMINATOR: EMIL NUMMINEN
HANDLEDARE: MARTIN SVENSSON
OPPONENTER: ANNA GRÖNVALL OCH AYMEN ISMAIL

JONAS BARSING

A COST BREAKDOWN AND PRODUCTION UNCERTAINTY ANALYSIS OF
ADDITIVE MANUFACTURING

| GKN Aerospace

EXAMINATOR: EMIL NUMMINEN
HANDLEDARE: HENRIK SÄLLBERG
OPPONENT: MAX PERSSON

ANNA GRÖNVALL

A STUDY OF HOW DEVOPS CAN BE ADOPTED IN OFFSHORE PROJECTS

| BTH

EXAMINATOR: EMIL NUMMINEN
HANDLEDARE: DARJA SMITE
OPPONENT: JOHANNA PERSSON

EMINA DEDIC & AYMEN ISMAIL

MAPPING SUCCESS FACTORS FOUND IN LITERATURE TO AGILE
DEVELOPMENT PRACTICE: AN INDUSTRIAL STUDY

| Axis Communications

EXAMINATOR: EMIL NUMMINEN
HANDLEDARE: EMIL ALÉGROTH
OPPONENTER: JESPER PALMGREN OCH JONAS BARSING

09:00 - 16:00

Sal C334

EMELIE HAGELBORG

CSR VALUE AS A CUSTOMER LOYALTY DRIVER

| ÖRESUNDSKRAFT

EXAMINATOR: MARTIN ANDERSSON

HANDLEDARE: MARTIN SVENSSON

OPPONENT: RAWAND FREDRIKSSON

VIKTOR REHN & JONAS KOSKINEN

THE BEHAVIORAL ECONOMISTS VISIT THE MANUFACTURING PLANT

| TARKETT AB

EXAMINATOR: MARTIN ANDERSSON

HANDLEDARE: MARTIN SVENSSON

OPPONENTER: TIM LARSSON OCH PETER HERMAN SURLIEN

CHRISTIAN REMLE & CARL-PHILIP BERTILSSON

CORPORATE RECYCLING BEHAVIOR THROUGH THE LENS OF SITUATIONAL
FACTORS

| TARKETT AB

EXAMINATOR: MARTIN ANDERSSON

HANDLEDARE: SHAHIDUZZAMAN QUORESHI

OPPONENTER: JONATHAN HEIMBRAND OCH EMELIE HAGELBORG

RAWAND FREDRIKSSON & TIM LARSSON

EN STUDIE OM HUR RISKFAKTORERS ORSAKSSAMBAND KAN IDENTIFIERAS I
SMÅ OCH MEDELSTORA MJUKVARUPROJEKT

| SIGMA TECHNOLOGY INFORMATION AB

EXAMINATOR: MARTIN ANDERSSON

HANDLEDARE: EMIL NUMMINEN

OPPONENTER: VIKTOR REHN OCH MIRANDA IDBERG

PETER HEDMAN SURLIEN

HOW TO CONSTRUCT AN UNDERSTANDABLE ERP SYSTEM?

| CGI SVERIGE AB

EXAMINATOR: MARTIN ANDERSSON

HANDLEDARE: EMIL NUMMINEN

OPPONENT: CARL-PHILIP BERTILSSON

JONATHAN HEIMBRAND & MIRANDA IDBERG

PERCEIVED BENEFITS OF VISUALIZED PRODUCTION SYSTEMS FOR THE
PRODUCTION PROCESS

| WUGANG TAILORED BLANKS SVERIGE AB

EXAMINATOR: MARTIN ANDERSSON

HANDLEDARE: HENRIK SÄLLBERG

OPPONENTER: JONAS KOSKINEN OCH CHRISTIAN REMLE

TISDAG 29/5

08:00 - 12:00

Sal J1610

MARKUS LIND & VIKTOR SJÖBLOM

ADVANCED SHEET METAL FORMING SIMULATION WITH ELASTIC STAMPI
DIES IN LS-DYNA

| VOLVO CARS BODY COMPONENTS

EXAMINATOR: ANSEL BERGHUVUD

HANDLEDARE: MATS SIGVANT

OPPONENTER: TOBIAS KARLSSON OCH HANNA KARLSSON

VIKTOR LJUNGDAHL

FATIGUE LIFE ANALYSIS OF WELD ENDS

| TOYOTA MATERIAL HANDLING

EXAMINATOR: ANSEL BERGHUVUD

HANDLEDARE: MATS WALTER

OPPONENTER: VIKTOR SJÖBLOM

BENNY MÅRTESSON & TOBIAS KARLSSON

COOLING INTEGRATED SOLAR PANELS USING PHASE CHANGING MATERIALS

| NYEDAL SOLENERGI

EXAMINATOR: ANSEL BERGHUVUD

HANDLEDARE: GUNILLA ÅKESSON NILSSON

OPPONENTER: VIKTOR LJUNGDAHL OCH MARKUS LIND

HANNA KARLSSON

STATIC AND FATIGUE ANALYSES OF WELDED JOINTS IN THIN-WALLED TUBES

| SAAB AERONAUTICS

EXAMINATOR: ANSEL BERGHUVUD

HANDLEDARE: MATS WALTER

OPPONENT: BENNY MÅRTESSON

13:00 - 16:00

Sal J1610

OSKAR EDBRO & ANNIKA HANSSON

IDENTIFYING HIGH RISK TARGETS IN A CORPORATE MULTI-USER NETWORK

| OUTPOST24

EXAMINATOR: HÅKAN GRAHN

HANDELDARE: MARTIN BOLDT

OPPONENTER: LUKAS LANDENSTAD OCH DAVID HJERPE

HENRIK BENGTTSSON & DAVID HJERPE

DIGITAL FORENSICS - PERFORMING VIRTUAL PRIMARY MEMORY

EXTRACTION IN CLOUD ENVIRONMENTS USING VMI

| CITYNETWORK

EXAMINATOR: HÅKAN GRAHN

HANDELDARE: EMILIANO CASALICCHIO

OPPONENTER: OSKAR EDBRO OCH ANDREAS PERSSON

LUKAS LANDENSTAD & ANDREAS PERSSON

EXPLAINING CHANGE - COMPARING NETWORK SNAPSHOTS FOR

VULNERABILITY MANAGEMENT

| OUTPOST24

EXAMINATOR: HÅKAN GRAHN

HANDELDARE: DRAGOS ILIE

OPPONENTER: HENRIK BENGTTSSON OCH ANNIKA HANSSON

ONSDAG 30/5

08:00 - 12:00

Sal J1270

DANIEL LARMARK & SIMON KNUTSSON

MODULAR COMMUNICATION RELAY FOR AUTONOMOUS QUARRY OPERATION
| Volvo Construction Equipment AB

EXAMINATOR: MATS WALTER

HANDLEDARE: CHRISTIAN M JOHANSSON

OPPONENTER: SIMON THORSTENSSON OCH JINT VAN REEDEN

ALEXANDER BONECK & JINT VAD REEDEN

PRODUKTUTVECKLING AV PLÅTSKILJARE | Evomatic AB

EXAMINATOR: MATS WALTER

HANDLEDARE: MARKUS WEJLETORP

OPPONENTER: DANIEL LARMARK OCH ANTON STERNER

SIMON THORSTENSSON & ANTON STERNER

COMMUNICATION SYSTEM BETWEEN TOOLS AND MACHINES
| Dynapac Compaction Equipment AB

EXAMINATOR: MATS WALTER

HANDLEDARE: MARKUS WEJLETORP

OPPONENTER: ALEXANDER BONECK OCH SIMON KNUTSSON

13:00 - 16:00

Sal J1270

MARTIN NILSSON & ZHUOHANG ZHOU

DESIGN AND IMPLEMENTATION OF ANGULAR VIBRATION TESTING EQUIPMENT
| Axis Communication AB

EXAMINATOR: MATS WALTER

HANDLEDARE: CLAES HEDBERG

OPPONENTER: ALMIR MIZIMOVIC OCH ERIK STRÖMBÄCK

REBECKA LARSSON & ERIK STRÖMBÄCK

THE SMARTER ASSEMBLY POSITION | SCANIA CV

EXAMINATOR: MATS WALTER

HANDLEDARE: SVEN JOHANSSON

OPPONENTER: MARTIN NILSSON OCH FILIP STANISIC

ALMIR MIZIMOVIC & FILIP STANISIC

AUTOMATISERAT LYFTHJÄLPMEDEL I TÅG FÖR PERSONER MED
FUNKTIONSNEDSÄTTNING

| U-Lift AB

EXAMINATOR: MATS WALTER

HANDLEDARE: MARKUS WEJLETORP

OPPONENTER: REBECKA LARSSON OCH ZHUOHANG ZHOU

TORSDAG 31/5

09:00 - 15:00

Sal J1620

NOH SAEED

KONCEPTFRAMTAGNING AV DESIGN OCH FUNKTIONER TILL BRANDDÖRRAR
I STORABÄLT-TUNNELN

| SEMCON AB

EXAMINATOR: MATS WALTER
HANDLEDARE: TOBIAS LARSSON
OPPONENT: SEBASTIAN FISCHER

ROBIN BERGLIND

IMPACT OF SIDE WALL PRESSURE ON HIGH VOLTAGE CABLES

| NKT HV Cables AB Karlskrona

EXAMINATOR: MATS WALTER
HANDLEDARE: ANSEL BERGHUVUD
OPPONENT: JOJJE SUNDBLAD

KAROLIS POSKUS

DEVELOPMENT OF A GENERAL ACOUSTICS MODEL FOR AN ARBITRARY
CAMERA DESIGN

| AXIS COMMUNICATIONS

EXAMINATOR: MATS WALTER
HANDLEDARE: CLAES HEDBERG
OPPONENT: JOHANNA STRAND

SEBASTIAN FISCHER & JOJJE SUNDBLAD

AUTONOMOUS COMPACTION ROLLER

| DYNAPAC

EXAMINATOR: MATS WALTER
HANDLEDARE: ALESSANDRO BERTONI
OPPONENTER: KAROLIS POSKUS OCH NOH SAEED

JOHANNA STRAND

ÖKAD RÄCKVIDD AV GANTRYSYSTEM

| YASKAVA NORDIC AB

EXAMINATOR: MATS WALTER
HANDLEDARE: ANSEL BERGHUVUD
OPPONENT: ROBIN BERGLIND

08:00 - 12:00

Sal J1640

ANDREAS JOHANSSON & JOAKIM NILSSON

USING ARTIFICIAL INTELLIGENCE FOR ITERATIVE GAMEPLAY TESTING

| Fall Damage Studio AB

EXAMINATOR: JOHANNA TÖRNQUIST KRASEMANN

HANDLEDARE: HÅKAN GRAHN

OPPONENTER: IVAR BJÖRLING OCH JIM NILSSON

PETER VALTERSSON & JIM NILSSON

MACHINE VISION INSPECTION OF THE LAPPING PROCESS IN THE PRODUCTION
OF MASS IMPREGNATED HIGH VOLTAGE CABLES

| NKT HV CABLES AB

EXAMINATOR: PRASHANT GOSWAMI

HANDLEDARE: VERONICA SUNDSTEDT/STEFAN PETERSSON

OPPONENTER: ANDREAS JONASSON OCH ALBIN BERNHARDSSON

IVAR BJÖRLING & ALBIN BERNHARDSSON

GENERATION AND EVALUATION OF COLLISION GEOMETRY BASED ON
DRAWINGS

| BTH

EXAMINATOR: JÜRGEN BÖRSTLER

HANDLEDARE: VERONICA SUNDSTEDT/ PRASHANT GOSWAMI

OPPONENTER: PETER VALTERSSON OCH ANDREAS FLÖJT

ANDREAS FLÖJT

EXPLOITING TEMPORAL COHERENCE IN SCENE STRUCTURE FOR
INCREMENTAL DRAW CALL RECORDING IN VULKAN

| BTH

EXAMINATOR: PRASHANT GOSWAMI

HANDLEDARE: VERONICA SUNDSTEDT/STEFAN PETERSSON

OPPONENT: JOAKIM NILSSON

BTH-STUDENTER I SAMARBETE MED:

AXIS COMMUNICATIONS AB
CGI SVERIGE AB
CITYNETWORK
DYNAPAC COMPACTION EQUIPMENT AB
EVOMATIC AB
FALL DAMAGE STUDIO AB
GKN AEROSPACE
NKT HV CABLES AB
NYEDAL SOLENERGI
OUTPOST24
SAAB AERONAUTICS
SCANIA CV
SEMCON AB
SIGMA TECHNOLOGY INFORMATION AB
TARKETT AB
TOYOTA MATERIAL HANDLING
U-LIFT AB
VOLVO CARS BODY COMPONENTS
VOLVO CONSTRUCTION EQUIPMENT AB
WUGANG TAILORED BLANKS SVERIGE AB
YASKAWA NORDIC AB
ÖRESUNDSKRAFT



Blekinge Tekniska Högskola
371 79 Karlskrona
0455 38 50 00
www.bth.se