



## The second GISPAM

GNU International Summer Program of AFDEX  
and engineering soft wares for the state of Mexico

Period : 2015.7.20~2015.8.23

Place : GyeongSang National University



# Notice of the student selection

## BECARIAS Y BECARIOS DE EXCELENCIA 2015

(Excellence scholarship holders of 2015)



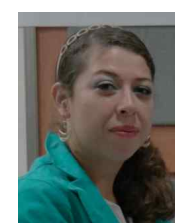
MARIA JOSE



SANDRA PAOLA



ANDREA ELIZABETH



LAURA INES



BRAYAN



HUGO ALBERTO



GAHEL



LUIS MIGUEL



MISAEAL



ANGEL



ARTURO



CARLOS ADRIAN



GUSTAVO ALONSO



JHOVANNI



LUIS ENRIQUE



MARTIN GABRIEL



OSCAR



FELIPE DE JESUS



MISAEAL



GAMALIEL

Corea del Sur    Universidad Nacional de GyeongSang    Técnico (Inglés)    Curso de AFDEX - Curso de diseño mecánico por computadora

(South Korea)    (GyeongSang national university)

(AFDEX course - mechanical design course by computer)

# GISPAM STAFF



Prof. Mansu JOUN



Dr. Jangho LEE



Dr. Seoghwan JEONG



M.Irani



Yongseog JIN



Juhwa CHANG  
Company : SolidENG



Sugyeong PARK  
Company : Cubictek



Suchan CHAE  
Company : VMTech



Byunggi PYO  
Company : VMTech



Cyprien Rusu  
Company : MIDAS-IT



Piotr Stepień  
Company : MIDAS-IT



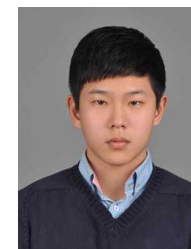
Nick



Vivian



Young



Yoseph



Christine



# GISPAM CONTACT INFORMATION

Name	e-Mail	Name	e-Mail
Prof. Mansu JOUN	<a href="mailto:msjoun@gnu.ac.kr">msjoun@gnu.ac.kr</a>	Yongseog JIN	<a href="mailto:ysjin@cubictек.co.kr">ysjin@cubictек.co.kr</a>
Dr. Jangho LEE	<a href="mailto:jhlee@afdex.com">jhlee@afdex.com</a>	Juhwa Chang	<a href="mailto:jhchang@solideng.co.kr">jhchang@solideng.co.kr</a>
Dr. Seoghwan JEONG	<a href="mailto:shchung@afdex.com">shchung@afdex.com</a>	Sugyeong PARK	<a href="mailto:skpark@cubictек.co.kr">skpark@cubictек.co.kr</a>
M.Irani	<a href="mailto:meisam.irani@gmail.com">meisam.irani@gmail.com</a>	Suchan CHAE	<a href="mailto:chaesc@vmtech.co.kr">chaesc@vmtech.co.kr</a>
Vivian	<a href="mailto:jelee@afdex.com">jelee@afdex.com</a>	Byunggi PYO	<a href="mailto:pyo@vmtech.co.kr">pyo@vmtech.co.kr</a>
Nick	<a href="mailto:htjin@afdex.com">htjin@afdex.com</a>	Cyprien Rusu	<a href="mailto:Cyprien@midasit.com">Cyprien@midasit.com</a>
Young	<a href="mailto:yskim@afdex.com">yskim@afdex.com</a>	Piotr Stepień	<a href="mailto:Piotr.stepien@midasit.com">Piotr.stepien@midasit.com</a>
Yoseph	<a href="mailto:yslee@afdex.com">yslee@afdex.com</a>	ARTURO	<a href="mailto:arturoag_14@hotmail.com">arturoag_14@hotmail.com</a>
Christine	<a href="mailto:jiyoung632@gmail.com">jiyoung632@gmail.com</a>	CARLOS ADRIAN	<a href="mailto:carlos.adrian.dominguez@hotmail.com">carlos.adrian.dominguez@hotmail.com</a>
MARIA JOSE	<a href="mailto:Marijo.nh94@gmail.com">Marijo.nh94@gmail.com</a>	GUSTAVO ALONSO	<a href="mailto:gustavo.hbucio77@gmail.com">gustavo.hbucio77@gmail.com</a>
SANDRA PAOLA	<a href="mailto:Sandipao_566@Hotmail.com">Sandipao_566@Hotmail.com</a>	JHOVANNI	<a href="mailto:Laimon_evh@Hotmail.com">Laimon_evh@Hotmail.com</a>
ANDREA ELIZABETH	<a href="mailto:Perez.elizabeth21@yahoo.com.mx">Perez.elizabeth21@yahoo.com.mx</a>	LUIS ENRIQUE	<a href="mailto:enriike_fm@hotmail.com">enriike_fm@hotmail.com</a>
LAURA INES	<a href="mailto:laurim_redblue@hotmail.com">laurim_redblue@hotmail.com</a>	MARTIN GABRIEL	<a href="mailto:reck2099@gmail.com">reck2099@gmail.com</a>
BRAYAN	<a href="mailto:a.mtz.dayan@gmail.com">a.mtz.dayan@gmail.com</a>	OSCAR	<a href="mailto:oscarmn_21@hotmail.com">oscarmn_21@hotmail.com</a>
HUGO ALBERTO	<a href="mailto:hg.marmol@hotmail.com">hg.marmol@hotmail.com</a>	FELIPE DE JESUS	<a href="mailto:oliver21.leo@gmail.com">oliver21.leo@gmail.com</a>
GAHEL	<a href="mailto:gahelzam@hotmail.com">gahelzam@hotmail.com</a>	MISAEEL	<a href="mailto:misael.uribe@gmail.com">misael.uribe@gmail.com</a>
LUIS MIGUEL	<a href="mailto:luis.cuellar.ramos@Hotmail.com">luis.cuellar.ramos@Hotmail.com</a>	GAMALIEL	<a href="mailto:estradagamaliel@gmail.com">estradagamaliel@gmail.com</a>
MISAEEL	<a href="mailto:pevm999@hotmail.com">pevm999@hotmail.com</a>	Jake	<a href="mailto:woehdtm@naver.com">woehdtm@naver.com</a>
ANGEL	<a href="mailto:angel_trujillo94@outlook.com">angel_trujillo94@outlook.com</a>	Dono	<a href="mailto:gudrms243@naver.com">gudrms243@naver.com</a>



# Schedule

	Contents of Education
Week 1	<ul style="list-style-type: none"> <li>• Orientation</li> <li>• CAE</li> <li>• Basic mathematics</li> <li>• Statics</li> <li>• Solid mechanics</li> </ul>
Week 2	<ul style="list-style-type: none"> <li>• 2D CAD</li> <li>• 3D CAD</li> </ul>
Week 3	<ul style="list-style-type: none"> <li>• Metal forming</li> <li>• AFDEX 2D</li> <li>• AFDEX 3D</li> <li>• Team project</li> </ul>
Week 4	<ul style="list-style-type: none"> <li>• V-CNC / V-HPS / Z-CAST</li> <li>• MAPS-3D</li> </ul>
Week 5	<ul style="list-style-type: none"> <li>• Midas NFX</li> </ul>





The 1<sup>st</sup> week

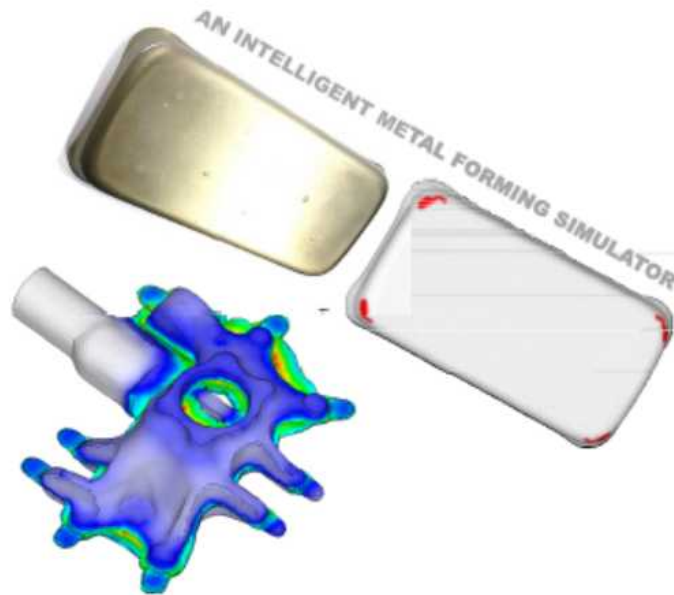
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## Schedule

Week 1			Morning ( ~ 12:00)	Afternoon ( ~ 18:00)	Evening (18:00 ~ )	
July	20	Mon	Orientation ----- MFRC(Dr. Lee)		Welcome party	Dormitory
	21	Tue	CAE ----- Prof. Joun	Basic mathmatics ----- Mr. Irani	Homework	Dormitory
	22	Wed	Statics, Solid mechanics I ----- Mr. Irani		Homework	Dormitory
	23	Thu	Solid mechanics II ----- Prof. Joun		Homework	Dormitory
	24	Fri	Foundations of heat transfer ----- Prof. Joun	[Field trip -1] GTIC, KITECH	Rest	Dormitory
	25	Sat	Free time.		Rest	Dormitory
	26	Sun	Free time		Rest	Dormitory





Period: 20<sup>th</sup> Jul. ~ 23<sup>th</sup> Aug., 2015.

Place: Gyeongsang National University



## Instructor



Dr. Jangho LEE  
[jhlee@afdex.com](mailto:jhlee@afdex.com)

# Opening Ceremony

The 1st week





# Chopstick experience (1<sup>st</sup> day lunch)

The 1<sup>st</sup> week



(Left) With teacher – All are OK.

Without teacher – All in trouble. (Right)



Monday afternoon

The 1<sup>st</sup> week



It is Hello time  
An Ice Breaking!!



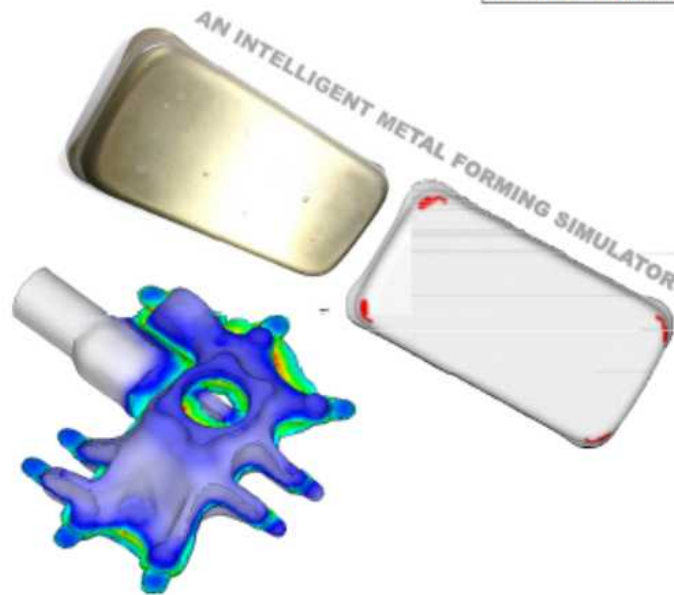
# Welcome party and Jinju castle

The 1st week





Part-1  
Theories & Application



Period: 20<sup>th</sup> Jul. ~ 23<sup>th</sup> Aug., 2015.

Place: Gyeongsang National University



## Instructor



Prof. Mansoo JOUN  
[msjoun@gnu.ac.kr](mailto:msjoun@gnu.ac.kr)



Missan IRANI  
[meisam.irani@gmail.com](mailto:meisam.irani@gmail.com)



# Tuesday-Wednesday morning, Mathematics

The 1<sup>st</sup> week



# Tuesday-Thursday, Theory of solid mechanics

The 1<sup>st</sup> week





# Visit to KITECH, root industry tech.

The 1<sup>st</sup> week





# Visit to TIC of GNU, venture incubator

The 1st week





# First Weekend at GISPAM

The 1<sup>st</sup> week





# Tour to Jinju, GISPAM's Hometown

The 1st week





# Sunday, Enjoy free time

The 1st week







The 2<sup>nd</sup> week

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## Schedule

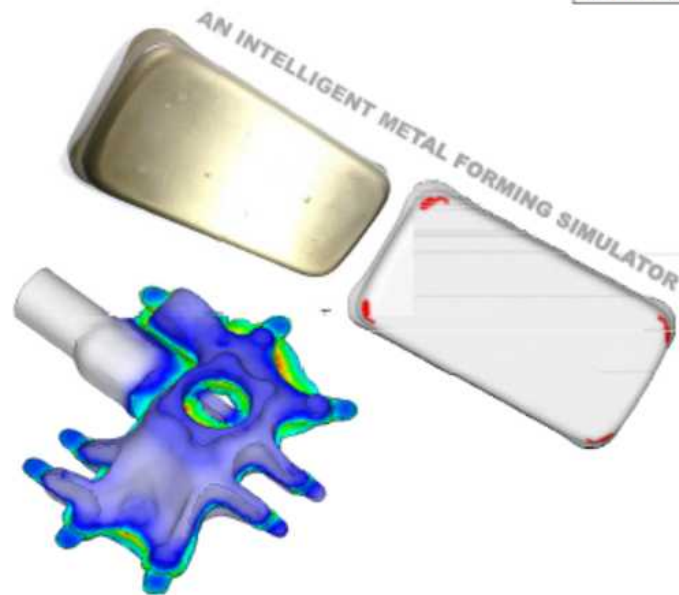
Week 2			Morning ( ~ 12:00)	Afternoon ( ~ 18:00)	Evening (18:00 ~ )	
July	27	Mon	2D CAD Basic I Mr. Jin	2D CAD Basic II Mr. Jin	Homework	Dormitory
	28	Tue	3D CAD Basic I SolidENG	3D CAD Basic II SolidENG	Homework	Dormitory
	29	Wed	3D CAD Advanced I SolidENG	3D CAD Advanced II SolidENG	Homework	Dormitory
	30	Thu	3D CAD Practice I SolidENG	3D CAD Practice II SolidENG	Rest	Dormitory
	31	Fri	[Tour-1] Hyundai WIA, Samsung Heavy Industry		Rest	Dormitory
Aug.	1	Sat	Free time		Rest	Dormitory
	2	Sun	Free time		Rest	Dormitory





GISPAM 2015

Part-2  
CAD Practice



Period: 20<sup>th</sup> Jul. ~ 23<sup>th</sup> Aug., 2015.

Place: Gyeongsang National University



## Instructor



Nick JIN

[htjin@afdex.com](mailto:htjin@afdex.com)



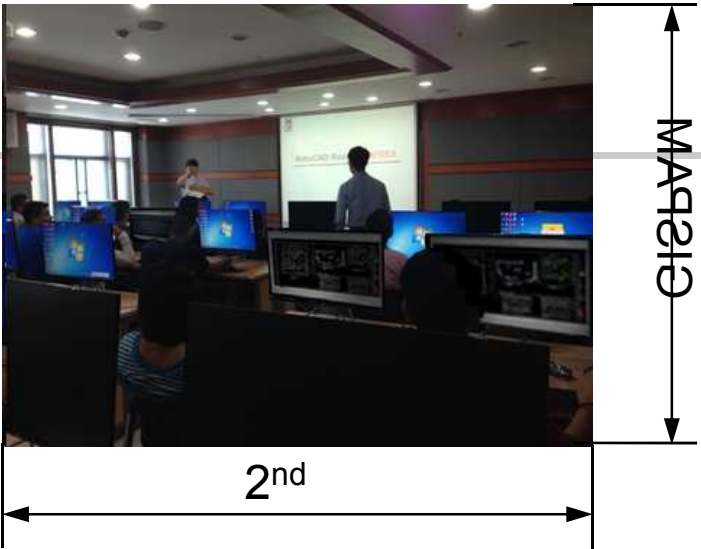
Juhwa CHANG

Company : SolidENG

[jhchang@solideng.co.kr](mailto:jhchang@solideng.co.kr)

# Monday, Learning 2D CAD

The 2<sup>nd</sup> week





# Tuesday-Thursday, Learning 3D CAD

The 2<sup>nd</sup> week





# Friday, Let's start our journey to Geoje Island

The 2<sup>nd</sup> week

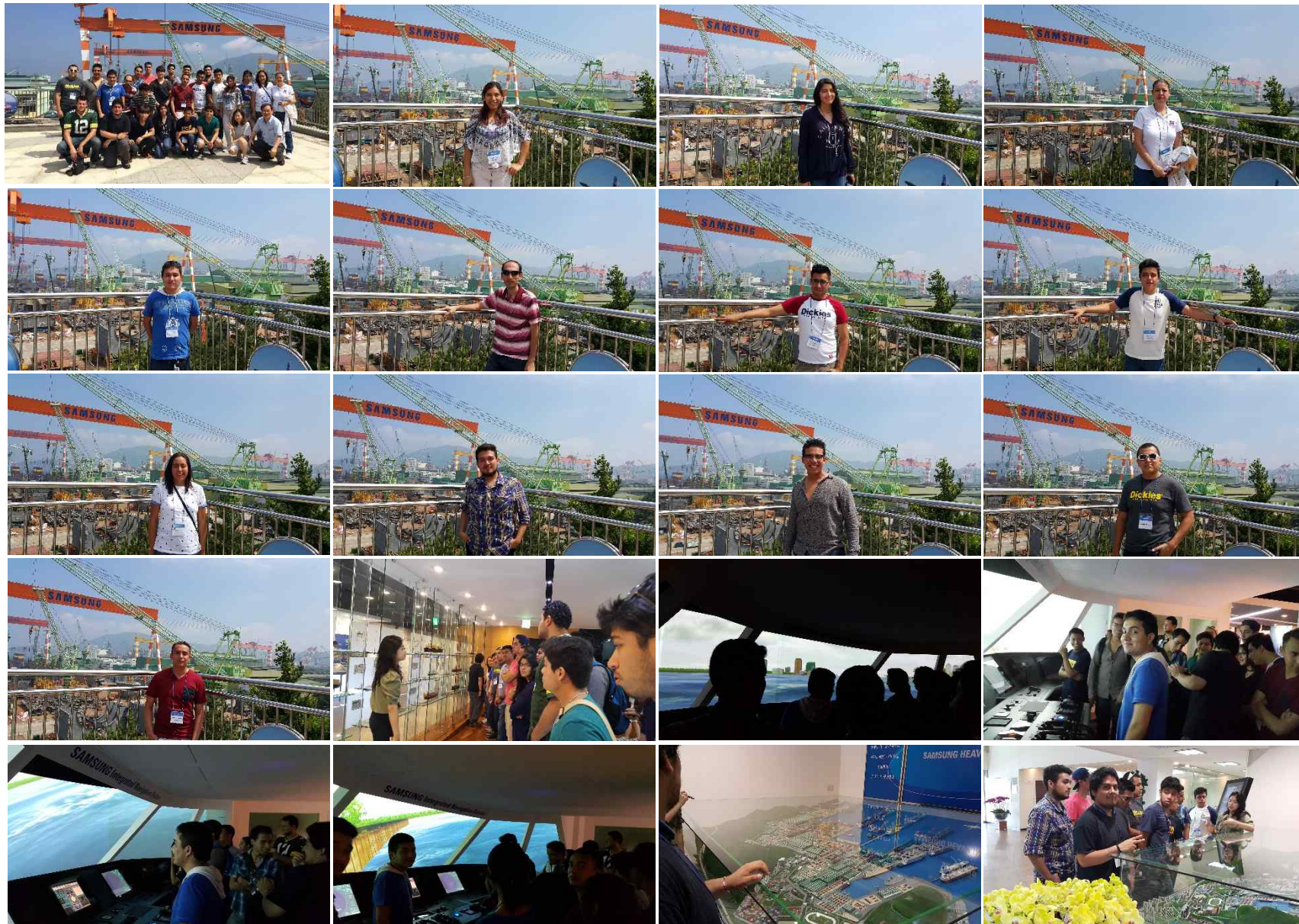


🔊 BGM - Mexican's most popular Korean song “여행을 떠나요”



# Samsung Heavy Industries, the ship builders

The 2<sup>nd</sup> week





# Hansando, once upon a time in the navy

The 2<sup>nd</sup> week





# Sangju Beach, over the Pacific ...

The 2<sup>nd</sup> week





# Sunday, Enjoy free time

The 2<sup>nd</sup> week







The 3<sup>rd</sup> week

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GISPAM 2015

## GISPAM

(GNU International Summer Program of AFDEX for the state of Mexico)

Part-3  
AFDEX Practice

AN INTELLIGENT METAL FORMING SIMULATOR



Period: 20<sup>th</sup> Jul. ~ 23<sup>th</sup> Aug., 2015.  
Place: Gyeongsang National University



## Instructor



Prof. Mansu Joun  
[msjoun@gnu.ac.kr](mailto:msjoun@gnu.ac.kr)



Dr. Jangho LEE  
[jhlee@afdex.com](mailto:jhlee@afdex.com)



Missan irani  
[meisam.irani@gmail.com](mailto:meisam.irani@gmail.com)



## Schedule

Week 3			Morning ( ~ 12:00)	Afternoon ( ~ 18:00)	Evening (18:00 ~ )	
Aug.	3	Mon	Metal forming MFRC(Dr. Lee)	AFDEX 2D Mr. Irani	Homework	Dormitory
	4	Tue	AFDEX 2D Practice Mr. Irani	AFDEX 3D Mr. Irani	Homework	Dormitory
	5	Wed	AFDEX 3D Practice Mr. Irani	Team project I Prof. Joun	Homework	Dormitory
	6	Thu	Team project II Prof. Joun	Evaluation MFRC(Dr. Lee)	Party	Dormitory
	7	Fri	[Field trip-2] POSCO and Mt. Jiri		Rest	Dormitory
	8	Sat	Free time		Rest	Dormitory
	9	Sun	Free time		Rest	Dormitory

# Learning AFDEX, an intelligent metal former

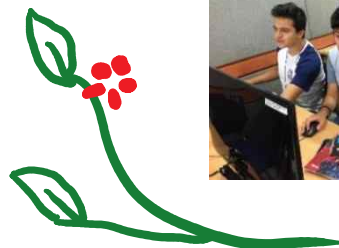
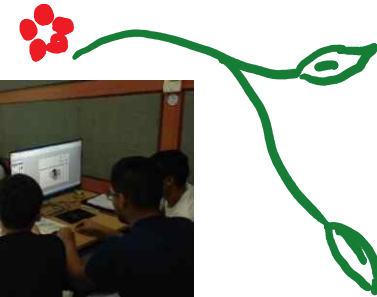
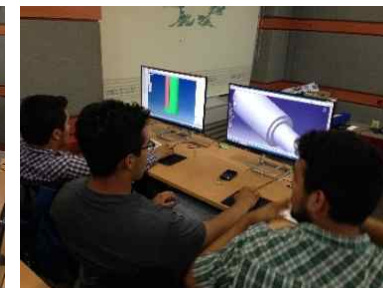
The 3<sup>rd</sup> week





# Practice and practice of AFDEX

The 3<sup>rd</sup> week



# Interim Presentation of Team Project

The 3<sup>rd</sup> week



Team A



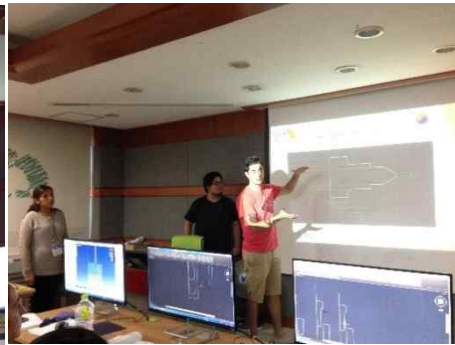
Team B



Team C



Team M



Team X



Team Y



Team Z



Team A – Jhovanni, Maria Jose, Carlos  
Team B – Arturo, Miguel, Misael  
Team C – Brayan, Elizabeth, Laura  
Team M – Jay, Enrique, Misael  
Team X – Angel, Gustavo, Sandra  
Team Y – Hugo, Gamaliel, Gahel  
Team Z – Gabriel, Oscar, Felipe



# Friday, Tour to POSCO

The 3<sup>rd</sup> week

hello, posco





# Take a wonderful rest in Mt. Jiri

The 3<sup>rd</sup> week





# Saturday night fever

The 3<sup>rd</sup> week





# Trip to Busan, KOREA's 2<sup>nd</sup> largest city

The 3<sup>rd</sup> week







The 4<sup>th</sup> week

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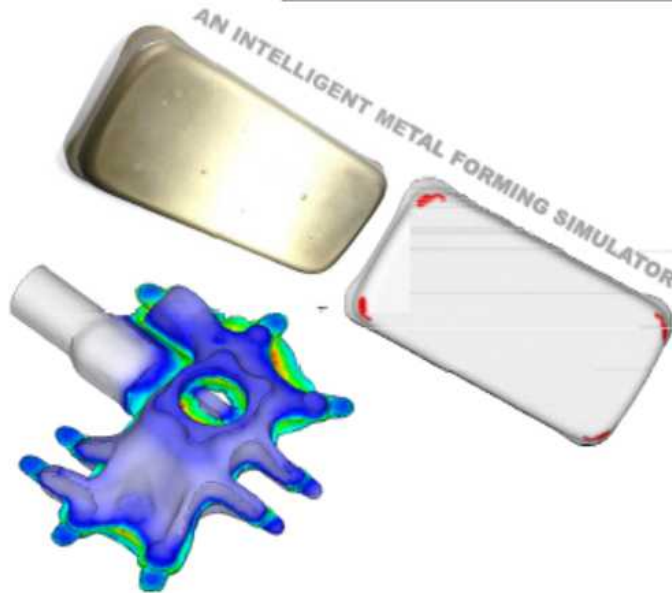


# V-CNC / V-HPS / Z-CAST and MAPS-3D Practice

The 4<sup>th</sup> week



Part-4  
V-CNC, V-HPS, Z-CAST & MAPS-3D Practice

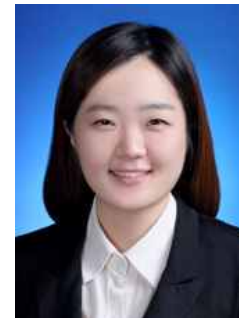


Period: 20<sup>th</sup> Jul. ~ 23<sup>th</sup> Aug., 2015.

Place: Gyeongsang National University



## Instructor



Sugyeong PARK  
Company : Cubictek  
[skpark@cubitek.co.kr](mailto:skpark@cubitek.co.kr)



Yongseog JIN  
Company : Cubictek  
[ysjin@cubitek.co.kr](mailto:ysjin@cubitek.co.kr)



Suchan CHAE  
Company : VMTech  
[hyzlee@vmtech.co.kr](mailto:hyzlee@vmtech.co.kr)



Byunggi PYO  
Company : VMTech  
[pyo@vmtech.co.kr](mailto:pyo@vmtech.co.kr)



# V-CNC / V-HPS / Z-CAST and MAPS-3D Practice

The 4<sup>th</sup> week

## Schedule

Week 4			Morning ( ~ 12:00)	Afternoon ( ~ 18:00)	Evening (18:00 ~ )	
Aug.	10	Mon	V-CNC(Machining) ----- Cubictek(Ms. Park)		Homework	Dormitory
	11	Tue	V-CNC(CAM) ----- Cubictek(Ms. Park)	V-HPS(Hydraulic Pneumatic) ----- Cubictek(Mr. Jin)	Homework	Dormitory
	12	Wed	Z-CAST (Casting) ----- Cubictek(Mr. Jin)	MAPS-3D (Injection molding) ----- VMTech	Homework	Dormitory
	13	Thu	MAPS-3D (Injection molding) ----- VMTech		Homework	Dormitory
	14	Fri	MAPS-3D (Injection molding) ----- VMTech		Farewell party	Dormitory
	15	Sat	[Tour-2] Gyeongju culture experience		Rest	Hotel
	16	Sun	[Tour-3] Gyeongju culture experience		Rest	Hotel

# V-CNC(Machining, CAM), V-HPS(Hydraulic Pneumatic), PLC-Motor The 4<sup>th</sup> week





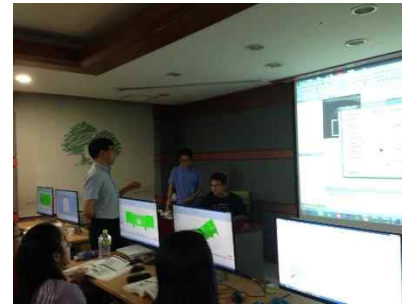
# Z-CAST(casting), a casting simulator

The 4<sup>th</sup> week



# MAPS-3D, Injection molding simulator

The 4<sup>th</sup> week





# Friday lunch, Eat your Kimchi with ... !!!

The 4<sup>th</sup> week





# Final Presentation for Team Project

The 4<sup>th</sup> week





# Friday dinner, farewell party to Jinju

The 4<sup>th</sup> week



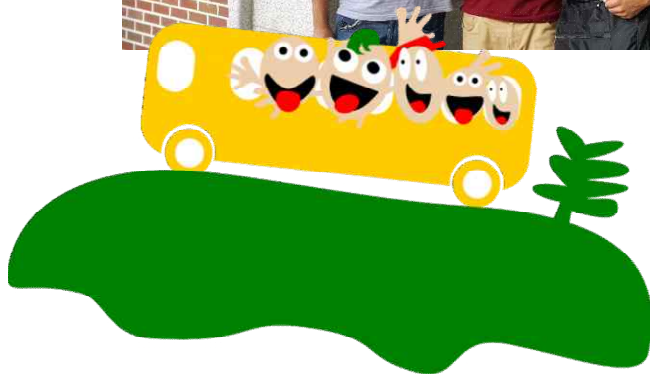


# Towards Korea's Aztec Gyeongju !!

The 4<sup>th</sup> week



Hometown  
of Mr. Nick!





# Seokguram grotto, the land of morning calm

The 4<sup>th</sup> week





# Bulguksa temple, oriental spirit lives here ...

The 4<sup>th</sup> week



Dabotop!



# Enjoy Saturday night

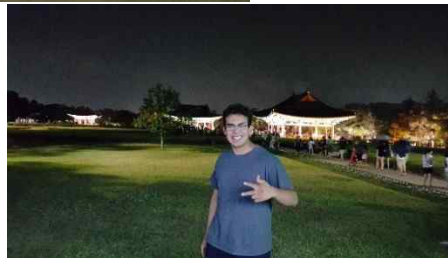
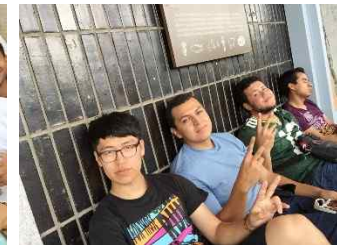
The 4<sup>th</sup> week





# Experience Korean history in Gyeongju

The 4<sup>th</sup> week





# Sunday night in Karaoke

The 4<sup>th</sup> week







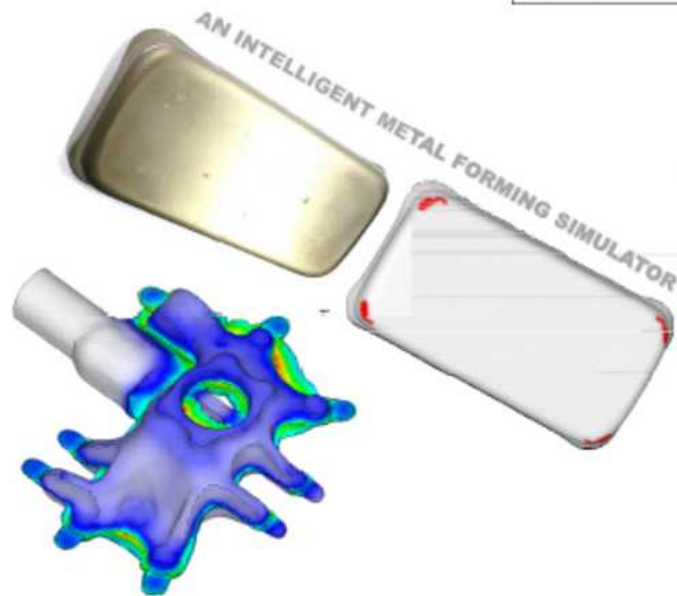
The 5<sup>th</sup> week

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Part-5  
midas NFX Practice



Period: 20<sup>th</sup> Jul. ~ 23<sup>th</sup> Aug., 2015.

Place: Gyeongsang National University



## Instructor



Cyprien Rusu  
Company : MIDAS-IT  
[msjoun@gnu.ac.kr](mailto:msjoun@gnu.ac.kr)



Piotr Stepień  
Company : MIDAS-IT  
[msjoun@gnu.ac.kr](mailto:msjoun@gnu.ac.kr)

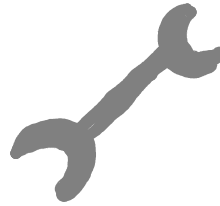


## Schedule

Week 5			Morning ( ~ 12:00)	Afternoon ( ~ 18:00)	Evening (18:00 ~ )	
Aug.	17	Mon	[Field trip-3] Gyeongju (Hyundai Motors, Hanho Industry, Creative Korea Center)		Rest	Hotel
	18	Tue	midas NFX ----- Midas-IT		Homework	Hotel
	19	Wed	midas NFX ----- Midas-IT		Homework	Hotel
	20	Thu	midas NFX ----- Midas-IT	[Field trip-4] Samsung Electronics	Rest	Hotel
	21	Fri	[Tour-4] Korean Folk Village, Mexican Embassy		Rest	Hotel
	22	Sat	[Tour-5] Seoul tour		Rest	Hotel
	23	Sun	Departure to Mexico			

# Company visit to Hyundai Motors and Hanho Industry

The 5<sup>th</sup> week



**HYUNDAI**  
**MOTOR GROUP**





# Visit to the Gyeongbuk Creative Economy Center

The 5<sup>th</sup> week





# Pangyo, Korea's silicon valley and MIDAS-IT

The 5<sup>th</sup> week





# Tuesday-Thursday morning, Study NFX

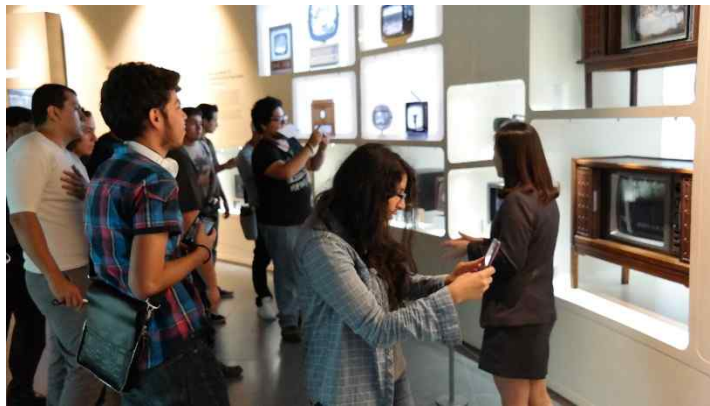
The 5<sup>th</sup> week





# Visit to Samsung Electronics

The 5<sup>th</sup> week



SAMSUNG  
INNOVATION  
MUSEUM





# Now deep into Seoul and Korea

The 5<sup>th</sup> week



Gyeongbok  
Palace



GangNam Style  
N Seoul Tower





# To the heart of Seoul and Korea

The 5<sup>th</sup> week



**Insadong** **Hongdae**  
**Myeongdong**

**Lotte World**



**Korea Folk Village**





# We were together at **GISPAM 2015**





# Course certificates





# Participants Survey Result for GISPAM 2015

## Curriculum

1: Poor, 2: Average, 3: Good, 4: Very Good, 5: Excellent. (Unit : Persons)

		1	2	3	4	5
1	Orientation ( 20.Jul., Dr. Lee )				1	19
2	Basic mathematics, Statics, Solid mechanics I ( 21~22. Jul., Mr. Irani )			6		14
3	Solid mechanics II, Foundations of heat transfer ( 23~24. Jul., Prof. Joun )			6	1	13
4	2D CAD Basic I, II ( 27. Jul., Mr.Jin )			1	4	15
5	3D CAD Basic, Advanced, Practice ( 28~30. Jul., SolidENG - Mr.Jang )			1	5	14
6	AFDEX 2D Basic & Practice ( 3~4.Aug., Mr. Irani )			1	6	13
7	AFDEX 3D Basic & Practice ( 4~5.Aug., Mr. Irani )			2	7	11
8	V-CNC, V-HPS, Z-CAST ( 10~12.Aug., Cubictek )		1	4	7	8
9	MAPS-3D ( 12~14.Aug., VMTech )		1	2	7	10
10	Midas-IT NFX ( 18~20.Aug., Midas-IT )			2	7	11
	<b>Total</b>	<b>0</b>	<b>2</b>	<b>25</b>	<b>45</b>	<b>128</b>

## Facilities & Service

1: Poor, 2: Average, 3: Good, 4: Very Good, 5: Excellent. (Unit : Persons)

		1	2	3	4	5
1	The quality of the dormitory cafeteria ( Breakfast, Dinner )		2	4	8	6
2	The quality of the staff restaurant ( Lunch )			4	8	8
3	The quality of the student dormitory			1	7	12
4	The quality of education places			2	2	16
5	Support of managers				5	15
	<b>Total</b>	<b>0</b>	<b>2</b>	<b>11</b>	<b>30</b>	<b>57</b>

## Tour

1: Poor, 2: Average, 3: Good, 4: Very Good, 5: Excellent. (Unit : Persons)

		1	2	3	4	5
1	GTIC & Jinju city tour			1	2	17
2	Samsung Heavy Industry, Je-Seung-Dang (Tong-yeong)		2		2	16
3	POSCO and Mt. Jiri				3	17
4	Gyeongju culture experience			1	4	15
5	Hyundai Motors, Hanho Industry, Creative Korea Center				2	18
6	Samsung Electronics				1	19
7	Seoul tour			2	1	17
	<b>Total</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>15</b>	<b>119</b>

1: Poor, 2: Average, 3: Good, 4: Very Good, 5: Excellent. (Unit : Persons)

		1	2	3	4	5
	<b>Total</b>				<b>6</b>	<b>14</b>
	<b>Do you recommend GISPAM 2016 to your friends?</b>			<b>1</b>	<b>2</b>	<b>17</b>

## Average in total for each evaluation item

1: Poor, 2: Average, 3: Good, 4: Very Good, 5: Excellent. (Unit : Persons)

		1	2	3	4	5
1	Curriculum	0	0.2	2.5	4.5	12.8
2	Facilities & Service	0	0.4	2.2	6	11.4
3	<b>Tour</b>	<b>0</b>	<b>0.3</b>	<b>0.6</b>	<b>2.1</b>	<b>17</b>



We already miss you.  
Someday, Somewhere see you again.  
Gracias ♥

