



**Table 1:** Code of accepted papers based on the mother of natural sciences and its total accepted paper

Number	Fields of knowledge	Code	Total accepted papers
1.	Nanoscience, Nanotechnology and Nanotoxicology	P-01	7
2.	Biotechnology for Sustainable Development and Human Welfare	B-02	5
3.	Biochemistry and Molecular Biology	B-03	33
4.	Applied Informatics and Technology, Mathematical Models	M-04	33
5.	Applied Ecology, Environmental Science and Sustainability	P-05	4
6.	Statistics for Food Security and Sustainable Agriculture	M-06	0
7.	Earth Science and Natural Resources Management for Environmental Sustainability	P-07	6
8.	Marine Biology, Aquaculture and Agriculture	B-08	22
9.	Integration of Chemistry Science, Technology and Engineering for the Synthesis of Multifunctional Materials and Compounds	C-09	18
10.	Physics and its Application for the Development of Medical Devices Technology	P-10	13
<b>Total</b>			<b>141</b>



**I. Conference Programme of the 6<sup>th</sup> International Seminar on New Paradigm and Innovation on Natural Sciences and Its Application (6<sup>th</sup> ISNPINSA)**

**Semarang, October 5-6, 2016**

**II.1. General schedule**

**Wednesday, October 5, 2016**

Time	Activity	Person in Charge
07.30-08.30 a.m	<ul style="list-style-type: none"> <li>Confirmation of the presence of the conference participants, and Registration</li> <li>Coffee morning and snack, it can be brought into a hall of plenary sessions 1</li> </ul>	Yayuk Astuti, Ph.D
08.30-11.30 a.m	<b>PLENARY SESSIONS 1, AMARTA BALLROOM</b>	MC
	<b>OPENING CEREMONY</b>	MC
08.30-08.35 a.m	Welcome speech from Chairman of the 6 <sup>th</sup> ISNPINSA: Dr. Jafron W. Hidayat, M.Sc	MC
08.35-08.40 a.m	Welcome speech from Dean of the Faculty of Sciences and Mathematic Diponegoro University: Prof. Dr. Widowati, M.Si	MC
08.40-08.50 a.m	Welcome speech from Rector of Diponegoro University and officially opened the event: Prof. Dr. H. Yos Johan Utama, SH., M.Hum	MC
	<b>KEYNOTE SPEAKERS TALKS SESSION</b>	MC
08.50-09.30 a.m	<b>Prof. Dr. Anthony Cheshire</b> (Director of South Australian Research and Development Institute University of Adelaide Australia) <i>"The Roles of Scientist In Managing Coastal and Marine Environment : Some Methods to Assess Level and Degree of Environmental Disturbance"</i>	Moderator: Sapto P. Putro, Ph.D
09.30-10.10 a.m	<b>Prof. Dr. Hadi Nur</b> (Ibnu Sina Institute for Scientific and Industrial Research, Universiti Teknologi Malaysia) <i>"Design and Synthesis of New Solid Catalysts"</i>	s.a.a
10.10-10.50 a.m	<b>Prof. Dr. Sri Juari Santosa</b> (Department of Chemistry, Faculty of Mathematics and Natural Sciences, Gajah Mada University, Indonesia) <i>"Gallic and Salicylic-Functionalized Mg/Al"</i>	s.a.a



Time	Activity	Person in Charge
	<i>LDH as Effective Adsorbents for the Reductive Adsorption of AuCl<sub>4</sub> from Aqueous Solution</i>	
10.50-11.30 a.m	<b>Prof. Dr. Ir. Bambang Riyanto Trilaksono</b> (School of Electrical Engineering and Informatics, Bandung Institute of Technology, Indonesia) <i>“Mathematical Modeling of Dynamical Systems for Control Systems Analysis and Design: An Introductory Tutorial”</i>	Adi Darmawan, Ph.D
11.30 a.m-12.10 p.m	<b>Dr. Muhammad Nur, DEA</b> (Center for Plasma Research Department of Physics, FSM Diponegoro University) <i>“Exploratory Studies of Ozone Dissolved in Water for Chili Treatment for Getting of Storage Extended Times”</i>	s.a.a
12.10-13.00 a.m	<b>DHUR PRAYING, LUNCH, etc</b>	MC
13.00-16.00 p.m	<b>PARALLEL SESSION</b> (See the schedule in detail, Table 6)	MC
16.00-17.00 p.m	<b>PLENARY SESSIONS 2, AMARTA BALLROOM</b>	
	<b>KEYNOTE SPEAKERS TALKS SESSION</b>	
16.00-16.30 p.m	Dr. Tri Retnaningsih Suprobawati, M.App.Sci (Department of Biology, Faculty of Science and Mathematics, Universitas Diponegoro, Indonesia) <i>“Lake Manageent: Lesson Lesrn from Rawapening Lake”</i>	Moderator: Rully Rahardian, Ph.D
16.30-17.00 p.m	Gunawan, Ph.D (Department of Chemistry, Faculty of Science and Mathematics, Universitas Diponegoro, Indonesia) <i>“Study on Photoelectrochemical Water Splitting Using Modified Copper Indium Disulfide Electrodes”</i>	s.a.a
17.00-17.30 p.m	<b>CLOSSING CEREMONY</b>	MC
17.00-17.10 p.m	Message from Vice Dean of the Faculty of Sciences and Mathematic Diponegoro University for Development and Collaboration and officially closed the event: Drs. Sapto P. Putro, M.Si., Ph.D	
17.10-17.30 p.m	<b>PHOTO SESSION FOR</b>	MC,



Time	Activity	Person in Charge
	<b>DOCUMENTATION</b>	Photographer
	<ul style="list-style-type: none"><li>• Keynote speakers, invited speakers, dean of FSM, 6th ISNPINSA main committee</li><li>• Keynote speakers, invited speakers, dean of FSM, 6th ISNPINSA main committee and members</li><li>• Keynote speakers, invited speakers, 6th ISNPINSA participants</li><li>• 6th ISNPINSA participants, 6th ISNPINSA main committee and members</li><li>• Others</li></ul>	

**Thursday, October 6, 2016**

08.00 a.m - 18.00 p.m	City and culturing tour to one of two the tourist places: Jamu Sidomuncul, Lawang Sewu, Sampo Kong Monastery and Borobudur Temple	International office
08.00-10.00 a.m	General Studium, conducted in FSM campus	<ul style="list-style-type: none"><li>• Dept. of Biology</li><li>• Dept. of Chemistry</li></ul>



## II.2. Paper Code and Type of Presentation for Paralel Session

Field : Biology (B)  
Subfield : Biotechnology for Sustainable Development and Human Welfare (02), Biochemistry and Molecular Biology (03), Biology, Aquaculture and Agriculture (08)

No	Name	Affiliation	Paper Title	Code	Type of Presentation
1	Anto Budiharjo	Biology Department - UNDIP	Cloning and Sequencing Xylanase Gene with Gene Product Size 30 k	B-02-001	Oral
2	Imroatul Khasanah	Diponegoro University	Effects of Leaves Fertilizer and Nano Silica Combination to Orchid ( <i>Dendrobium Sp</i> ) Growth in Subculture of Plant Tissue Culture	B-02-002	Oral
3	Sunarno	Diponegoro University	Applications Bioactive Material from Snakehead Fish ( <i>Channa striata</i> ) for Repair of Motor Activity and Learning-Memory Capability: A Case Study in Rats with Aging Physiological and Aging Due to Oxidative Stress	B-02-003	poster
4	Erma prihastanti	Diponegoro University	Foliar fertilizer application combined with Nano-Chitosan on Growth Mangrove seedlings <i>Rhizopora sp</i> , <i>Bruguiera sp</i> and <i>Avicennia sp</i>	B-02-004	Oral
5	Siti Nur Jannah	Diponegoro University	Multiplex PCR Assay for Detection of Koi Herpes Virus (KHV) Gene Infected Common	B-02-005	Oral



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No	Name	Affiliation	Paper Title	Code	Type of Presentation
			Carp ( <i>Cyprinus carpio</i> L.)		
6	Arrofi Elyas Kusumaatmaja	Diponegoro University	Protein Content of Japanese Quail. ( <i>Coturnix coturnix japonica</i> L.)	B-03-001	Oral
7.	Adi Pamungkas	Diponegoro University	Beef Marbling Identification using Color Analysis and Decision Tree Classification	B-03-003	Oral
8	Naimatul Khoiroh	Institute of Technology Sepuluh Nopember	The Potential of Crown Pineapple ( <i>Anannas comosus</i> ) as Deciduous Kidney Stone	B-03-004	Oral
9	Sri Pujiyanto	Undip	Alpha glucosidase inhibitor of <i>Tinospora crispa</i> and <i>Momordica charantia</i> extracts	B-03-005	Oral
10	Arianti Hatmnati	Pusat Penelitian Oseanografi LIPI	The Diversity of Cultivable Actinobacteria in Deepsea Floor of Makasar Strait	B-03-006	Oral
11	Rejeki Siti Ferniah	Universitas Diponegoro	Biodiversity of Indonesian red chilli	B-03-007	Oral
12	Cicilia Novi Primiani	IKIP PGRI Madiun	Characterization Of Phytoestrogen On Pigeon Pea ( <i>Cajanus cajan</i> ) And The Effect to Ovary Development in Rats	B-03-008	Oral
13	Erlita Verdia Mutiara	STIFAR Semarang	Sun Protective Activity of Pigments Bacterial Symbionts of <i>Sarcophyton</i> sp.	B-03-009	Poster
14	Lia Kusmita	STIFAR "Yayasan Pharmasi"	Anti-Obesity Activity of Pheophytin from	B-03-010	Oral





No	Name	Affiliation	Paper Title	Code	Type of Presentation
			Green Tea ( <i>Camelia sinensis</i> ) in Rat		
15	Ika Puspitaning rum	STIFAR "Yayasan Pharmasi"	Specific Immunomodulatory Activity and Acute Toxicity of the Ethyl Acetate Fraction of Leaf Som Java	B-03-011	Oral
16	Topik Hidayat	Universitas Pendidikan Indonesia (UPI)	Random Amplified Polymorphic DNA - based Fingerprinting of Indonesia Medicinal Plant Ciplukan ( <i>Physalis angulata</i> ; <i>Solanaceae</i> )	B-03-012	Oral
17	Arina Tri Lunggani I	diponegoro University	<i>In-vitro</i> atioxidant and antibacterial activity of caretonoid pigment extracted from <i>Mycobacterium</i> sp. Isolated from <i>Sargasum</i> sp. of Karimunjava Island	B-03-013	Oral
18	Rifa Nurhayati	Research Institute for Natural Product Technology	Shelf Life Prediction for "Andrawinaloka" Canned Gudeg Based on Arrhenius Method on Increasing of Thio Barbituric Acid Value	B-03-014	Poster
19	Nur Endah Wahyuningsih	Faculty of Public Health/UNDIP	Urine pH of dengue patients in Semarang city. central Java. Indonesia. 2016	B-03-015	Oral
20	Ervika Rahayu Novita Herawati	Research Institute for Natural Product Technology	The Effect of Variation Chocolate Powder on Antioxidant Activity of Instan Chocolate Drink from	B-03-016	Oral



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No	Name	Affiliation	Paper Title	Code	Type of Presentation
			Nglanggeran.Gunu ngkidul		
21	Joko Tri Wibowo	Pusat Penelitian Oseanografi LIPI	Biological Activities of Bacillus sp. from Deep Sea Sediment of Makassar Strait	B-03-017	Oral
22	Dewi Nur Halimah	Biology	Protein Degradation and Structural Change of Calcium Oxalate in Wet Conjug Flour. Dry Conjug Flour. and Conjug Soap	B-03-018	Oral
23	Rokhana	Diponegoro University	Potency of Endophytic Mold from Curcuma xanthorrhiza Roxb as Producer Antimicrobial	B-03-019	Oral
24	Bambang Cahyono	Diponegoro University	The Stability of Curcuma longa and Piper retrofractum Ekxtracts in Effervescent Formula	B-03-020	Oral
25	Agung Suprihadi	Universitas Diponegoro	Pemakalah anggota dari Arina Tri Lunggani	B-03-013	Oral
26	Enny Yusuf Wachidah Yuniwanti	Biology FSM UNDIP	Accretion of Weight Gain Various Types of Local Duks in Central Java after Avian influenza Vaccination	B-03-021	Oral
27	Isworo Rukmi	Department Biology - Fac. of Math. & Sci. Diponegoro University	The mycotoxin producing Aspergilli found on peanut (Arachis hypogea) from traditional market in East Semarang	B-03-022	Oral
28	Siti Nur Jannah	Science and Mathematics Faculty. Diponegoro University	Haematological Parameters in Broiler Chicken after Administration of Local Probiotic of	B-03-023	Oral







No	Name	Affiliation	Paper Title	Code	Type of Presentation
			<i>Lactobacillus salivarius</i> isolated from		
29	Ratnasari	Diponegoro University	Antioxidant Profile of Fermented <i>Alpinia purpurata</i> K. Schum by <i>Aspergillus niger</i>	B-03-024	Oral
30	Desi Sri Rejeki	Diponegoro University	Biotransformasi of Hiptolida Compound from <i>Hyptis Pectinata</i> Poit Leaves Using <i>Aspergillus niger</i>	B-03-025	Oral
31	Endang Kusdiantini	Diponegoro University	Molecular and Biochemical Characterization of Pink-Pigmented Thermophile Bacteria from Gedong Songo Hot-Spring in Bandungan-Semarang	B-03-026	Oral
32	Nevy Velanti Kusdina	Diponegoro University	The Effect of Cholesterol and Storage temperature on Encapsulation of Vitamin C in Candlenut ( <i>Aleurites moluccana</i> Willd) Liposomes	B-03-027	Oral
33	Ratna Indira Sari	Diponegoro University	Effect of cholesterol on encapsulation efficiency and leakage of jeack bean ( <i>Canavalia ensiformis</i> L.) liposomes for vitamin C encapsulation	B-03-028	Oral
34	Khalisa aini sinaga	Diponegoro University	Analysis Amylum (Amylose - Amylopectin) Of Edible Plants Family Araceae In Semarang Jawa	B-03-029	Oral



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No	Name	Affiliation	Paper Title	Code	Type of Presentation
			Tengah		
35	Erma Prihastanti	Diponegoro University	Seasonal Changes in Proline Content of Leaves of Cocoa ( <i>Theobroma cacao</i> L.) planted with different combinations of shade trees	B-03-030	Oral
36	Sri Darmanti	Diponegoro University	Proline Accumulation as a Tolerance Mechanism of Soybean [ <i>Glycine max</i> L. (Merr.)] Against Multiple Stress of Purple nutsedge ( <i>Cyperus rotundus</i> L.) Interference and Drought	B-03-031	Poster
37	Endah Dwi Hastuti	Diponegoro University	Specific Growth Rate of Mangrove <i>Avicennia marina</i> Seedling within Silviculture Pond Canals in Ssemarang Coastal Area	B-08-001	Oral
38	Wijanarka	Departement of Biology FSM Undip	Kinetics of Growth and Production of Iulinase by fusan FF1	B-08-002	Oral
39	Ratih	Pusat Penelitian Oseanografi LIPI	Chemical composition and functional properties of brown algae collected from Karimun Jawa Indonesia	B-08-003	Oral
40	Sarjito	Fisheries and Marine Science Faculty. Diponegoro University	Diversity of Causative Agent Associated With Bacterial Diseases On Catfish ( <i>Clarias Gariepinus</i> ) With Molecular Based And Sen	B-08-004	Oral





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No	Name	Affiliation	Paper Title	Code	Type of Presentation
41	Slamet budi Prayitno	Fisheries and Marine Science Faculty. Diponegoro University	The Potential of Mangrove (Rhizophora apiculata) Leaf Extract to Treat The Mud Crab (Scylla serrata) Infected by Vibrio harveyi	B-08-005	Oral
42	Agung Janika Sitasiwi	Diponegoro University	Effect of Carica papaya seeds water extract on haematological parameters of Mice	B-03-032	Poster
43	Susiana Purwantisari	Diponegoro University	Increasing Gibberellin Content on Potato Plant Tissue By Applying Antagonist Trichoderma viride	B-03-033	Oral
44	Emmy Syafitri	Department of Fishery. Dharmawangsa University. Medan. North Sumatra. Indonesia	The Performance of Mangrove Leaf Extract (Sonneratia alba) in Combating Bacterial Associated with Ice-Ice Disease of Seaweed (Ka	B-08-006	Oral
45	Diana nasti	Magister biologi	Evaluation of Applications Floating Net Cage Aquaculture Systems Integrated Multi Trophic Aquaculture (IMTA) and Monoculture	B-08-007	Oral
46	Jafron W. Hidayat	Departmen of Biology FSM Undip	Distribution and bioaccumulation of Zn on Mangrove Coast of Tapak. Tugurejo. Semarang as Approach to introduce Used Tire as APO	B-08-008	Oral





No	Name	Affiliation	Paper Title	Code	Type of Presentation
47	Mariana Sada	Diponegoro University	Ethnobotany of the Using Plant in Ceremonies of Ngadha Ethnic, Jerebu'u Sub District, Ngada District, Nusa Tenggara Timur Province	B-08-009	Oral
48	Udi Tarwotjo	Diponegoro University	The Resistance Monitoring of <i>Plutella xylostella</i> (L.) Population Against Residual of Emamektin Benzoate on The Determination of Concentration Diagnostic	B-08-010	poster
49	Fajria Darell Sofiana	Diponegoro University	Community Structure Of Macroinvertebrates Inhabiting Bangkong River And Fish Farming Pond Minapolitan Area Of Menayu Village, Muntilan District	B-08-011	Oral
50	Sri Utami	Diponegoro University	Diversity Of Foreign Invasive Plants In The Forest Protected Panjang Island Jepara Central Java	B-08-012	Poster
51	Mochamad Hadi. RC Hidayat Soesilohadi. FX Wagiman and YR Suhardjono	Diponegoro University	Correlation of ecological characteristics Rice Stem Borer with biotic and abiotic environment factors in the organic and non-or	B-08-013	Oral
52	Sapto P. Putro	Diponegoro University	Physical And Chemical Water And Sediment Properties In Relation To The Growth Of	B-08-014	Oral



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No	Name	Affiliation	Paper Title	Code	Type of Presentation
			Pompano ( Trachinotus Blochii) In Integrated Multitrophic Aquaculture: Study Case At Sea Farming Area of Kepulauan Seribu Water Ecosystem		
53	Riche Hariyati	Diponegoro University	The Effects Of Light Intensity And Salinity On The Spora Number Released From Gracilaria sp. CYSTOCARP	B-08-015	Oral
54	Rini Budi Hastuti	Diponegoro University	Analysis On The Daily Weight and Length Growth Rate and Its Ratio Of Milkfish (Chanos chanos) Within Silvicultural Pond Cultivation	B-08-016	Poster
55	Jumari	Diponegoro University	Diversity of The Yam (Dioscorea Spp) In Central Java And Local Knowledge Of Conservation Efforts	B-08-017	Oral
56	Benny Diah Madusari	Pekalongan University	The Differences in Plankton Community Structure of Pond Waters between Pemalang and Brebes, Central Java.	B-08-018	Oral
57	Felicitas Bureng	Papua New Guenia	Ethnobotany of Medicinal Plants in The Vunatui Clan of The Tolai Society in East New Britain Province, Papua New Guinea	B-08-019	Oral





No	Name	Affiliation	Paper Title	Code	Type of Presentation
58	Susiana Purwantisari	Diponegoro University	Systemic Inducing Resistance And Yield On Potato Against Late Blight By Applying Antagonist <i>Trichoderma viride</i>	B-08-020	Oral
59	Riche Hariyati	Diponegoro University	Bio-indicators The Environment Quality In The Area Cultivation of Fish Karamba System Rawapening Lake, by Using Microalgae Structures	B-08-021	Oral
60	Muhammad Imam Fadila	Diponegoro University	Community Structure and Conservation Status of Birds in Various Mangrove Area Sub-district to Support Mangrove Ecotourism	B-08-22	Poster



## II.2. Paper Code and Type of Presentation for Paralel Session

**Table 2**

Field : Biology (B)  
Subfield : Biotechnology for Sustainable Development and Human Welfare (02), Biochemistry and Molecular Biology (03), Biology, Aquaculture and Agriculture (08)

No	Name	Affiliation	Paper Title	Code	Type of Presentation
1	Anto Budiharjo	Biology Department - UNDIP	Cloning and Sequencing Xylanase Gene with Gene Product Size 30 k	B-02-001	Oral
2	Imroatul Khasanah	Diponegoro University	Effects of Leaves Fertilizer and Nano Silica Combination to Orchid ( <i>Dendrobium Sp</i> ) Growth in Subculture of Plant Tissue Culture	B-02-002	Oral
3	Sunarno	Diponegoro University	Applications Bioactive Material from Snakehead Fish ( <i>Channa striata</i> ) for Repair of Motor Activity and Learning-Memory Capability: A Case Study in Rats with Aging Physiological and Aging Due to Oxidative Stress	B-02-003	Poster
4	Erma Prihastanti	Diponegoro University	Foliar fertilizer application combined with Nano-Chitosan on Growth Mangrove seedlings <i>Rhizopora sp</i> , <i>Bruguiera sp</i> and <i>Avicennia sp</i>	B-02-004	Oral



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No	Name	Affiliation	Paper Title	Code	Type of Presentation
5	Siti Nur Jannah	Diponegoro University	Multiplex PCR Assay for Detection of Koi Herpes Virus (KHV) Gene Infected Common Carp ( <i>Cyprinus carpio</i> L.)	B-02-005	Oral
6	Arrofi Elyas Kusumaatmaja	Diponegoro University	Protein Content of Japanese Quail. ( <i>Coturnix coturnix japonica</i> L.)	B-03-001	Oral
7.	Adi Pamungkas	Diponegoro University	Beef Marbling Identification using Color Analysis and Decision Tree Classification	B-03-003	Oral
8	Naimatul Khoiroh	Institute of Technology Sepuluh Nopember	The Potential of Crown Pineapple ( <i>Ananas comosus</i> ) as Deciduous Kidney Stone	B-03-004	Oral
9	Sri Pujiyanto	Undip	Alpha glucosidase inhibitor of <i>Tinospora crispa</i> and <i>Momordica charantia</i> extracts	B-03-005	Oral
10	Arianti Hatmnati	Pusat Penelitian Oseanografi LIPI	The Diversity of Cultivable Actinobacteria in Deepsea Floor of Makasar Strait	B-03-006	Oral
11	Rejeki Siti Ferniah	Universitas Diponegoro	Biodiversity of Indonesian red chilli	B-03-007	Oral
12	Cicilia Novi Primiani	IKIP PGRI Madiun	Characterization Of Phytoestrogen On Pigeon Pea( <i>Cajanus cajan</i> ) And The Effect to Ovary Development in Rats	B-03-008	Oral
13	Erlita Verdia Mutiara	STIFAR Semarang	Sun Protective Activity of Pigments Bacterial Symbionts of <i>Sarcophyton</i> sp.	B-03-009	Poster
14	Lia Kusmita	STIFAR "Yayasan	Anti-Obesity Activity of	B-03-010	Oral







No	Name	Affiliation	Paper Title	Code	Type of Presentation
		Pharmasi"	Pheophytin from Green Tea ( <i>Camelia sinensis</i> ) in Rat		
15	Ika Puspitaningrum	STIFAR "Yayasan Pharmasi"	Specific Immunomodulatory Activity and Acute Toxicity of the Ethyl Acetate Fraction of Leaf Som Java	B-03-011	Oral
16	Topik Hidayat	Universitas Pendidikan Indonesia (UPI)	Random Amplified Polymorphic DNA - based Fingerprinting of Indonesia Medicinal Plant Ciplukan ( <i>Physalis angulata</i> ; <i>Solanaceae</i> )	B-03-012	Oral
17	Arina Tri Lunggani I	diponegoro University	<i>In-vitro</i> atioxidant and antibacterial activity of caretonoid pigment extracted from <i>Mycobacterium</i> sp. Isolated from <i>Sargasum</i> sp. of Karimunjawa Island	B-03-013	Oral
18	Rifa Nurhayati	Research Institute for Natural Product Technology	Shelf Life Prediction for "Andrawinaloka" Canned Gudeg Based on Arrhenius Method on Increasing of Thio Barbituric Acid Value	B-03-014	Poster
19	Nur Endah Wahyuningsih	Faculty of Public Health/ UNDIP	Urine pH of dengue patients in Semarang city. central Java. Indonesia. 2016	B-03-015	Oral
20	Ervika Rahayu Novita Herawati	Research Institute for Natural Product Technology	The Effect of Variation Chocolate Powder on Antioxidant Activity of Instan Chocolate Drink	B-03-016	Oral



No	Name	Affiliation	Paper Title	Code	Type of Presentation
			from Nglanggeran.Gunu ngkidul		
21	Joko Tri Wibowo	Pusat Penelitian Oseanografi LIPI	Biological Activities of Bacillus sp. from Deep Sea Sediment of Makassar Strait	B-03-017	Oral
22	Dewi Nur Halimah	Biology	Protein Degradation and Structural Change of Calcium Oxalate in Wet Conjug Flour. Dry Conjug Flour. and Conjug Soap	B-03-018	Oral
23	Rokhana	Diponegoro University	Potency of Endophytic Mold from Curcuma xanthorrhiza Roxb as Producer Antimicrobial	B-03-019	Oral
24	Bambang Cahyono	Diponegoro University	The Stability of Curcuma longa and Piper retrofractum Ekxtracts in Effervescent Formula	B-03-020	Oral
25	Agung Suprihadi	Universitas Diponegoro	Pemakalah anggota dari Arina Tri Lunggani	B-03-013	Oral
26	Enny Yusuf Wachidah Yuniwanti	Biology FSM UNDIP	Accretion of Weight Gain Various Types of Local Duks in Central Java after Avian influenza Vaccination	B-03-021	Oral
27	Isworo Rukmi	Department Biology - Fac. of Math. & Sci. Diponegoro University	The mycotoxin producing Aspergilli found on peanut (Arachis hypogea) from traditional market in East Semarang	B-03-022	Oral
28	Siti Nur Jannah	Science and Mathematics Faculty. Diponegoro University	Haematological Parameters in Broiler Chicken after Administration of	B-03-023	Oral



No	Name	Affiliation	Paper Title	Code	Type of Presentation
			Local Probiotic of <i>Lactobacillus salivarius</i> isolated from		
29	Ratnasari	Diponegoro University	Antioxidant Profile of Fermented <i>Alpinia purpurata</i> K. Schum by <i>Aspergillus niger</i>	B-03-024	Oral
30	Desi Sri Rejeki	Diponegoro University	Biotransformasi of Hiptolida Compound from <i>Hyptis Pectinata</i> Poit Leaves Using <i>Aspergillus niger</i>	B-03-025	Oral
31	Endang Kusdiantini	Diponegoro University	Molecular and Biochemical Characterization of Pink-Pigmented Thermophile Bacteria from Gedong Songo Hot-Spring in Bandungan-Semarang	B-03-026	Oral
32	Nevy Velanti Kusdina	Diponegoro University	The Effect of Cholesterol and Storage temperature on Encapsulation of Vitamin C in Candlenut ( <i>Aleurites moluccana</i> Willd) Liposomes	B-03-027	Oral
33	Ratna Indira Sari	Diponegoro University	Effect of cholesterol on encapsulation efficiency and leakage of jeack bean ( <i>Canavalia ensiformis</i> L.) liposomes for vitamin C encapsulation	B-03-028	Oral
34	Khalisa Aini Sinaga	Diponegoro University	Analysis Amylum (Amylose - Amylopectin) Of Edible Plants Family Araceae In	B-03-029	Oral



No	Name	Affiliation	Paper Title	Code	Type of Presentation
			Semarang Jawa Tengah		
35	Erma Prihastanti	Diponegoro University	Seasonal Changes in Proline Content of Leaves of Cocoa ( <i>Theobroma cacao</i> L.) planted with different combinations of shade trees	B-03-030	Oral
36	Sri Darmanti	Diponegoro University	Proline Accumulation as a Tolerance Mechanism of Soybean [ <i>Glycine max</i> L. (Merr.)] Against Multiple Stress of Purple nutsedge ( <i>Cyperus rotundus</i> L.) Interference and Drought	B-03-031	Poster
37	Endah Dwi Hastuti	Diponegoro University	Specific Growth Rate of Mangrove <i>Avicennia marina</i> Seedling within Silviculture Pond Canals in Ssemarang Coastal Area	B-08-001	Oral
38	Wijanarka	Departement of Biology FSM Undip	Kinetics of Growth and Production of Iulinase by fusan FF1	B-08-002	Oral
39	Ratih	Pusat Penelitian Oseanografi LIPI	Chemical composition and functional properties of brown algae collected from Karimun Jawa Indonesia	B-08-003	Oral



No	Name	Affiliation	Paper Title	Code	Type of Presentation
40	Sarjito	Fisheries and Marine Science Faculty. Diponegoro University	Diversity of Causative Agent Associated With Bacterial Diseases On Catfish ( <i>Clarias Gariepinus</i> ) With Molecular Based And Sen	B-08-004	Oral
41	Slamet budi Prayitno	Fisheries and Marine Science Faculty. Diponegoro University	The Potential of Mangrove ( <i>Rhizophora apiculata</i> ) Leaf Extract to Treat The Mud Crab ( <i>Scylla serrata</i> ) Infected by <i>Vibrio harveyi</i>	B-08-005	Oral
42	Agung Janika Sitasawi	Diponegoro University	Effect of <i>Carica</i> papaya seeds water extract on haematological parameters of Mice	B-03-032	Poster
43	Susiana Purwantisari	Diponegoro University	Increasing Gibberellin Content on Potato Plant Tissue By Applying Antagonist <i>Trichoderma viride</i>	B-03-033	Oral
44	Emmy Syafitri	Department of Fishery. Dharmawangsa University. Medan. North Sumatra. Indonesia	The Performance of Mangrove Leaf Extract ( <i>Sonneratia alba</i> ) in Combating Bacterial Associated with Ice-Ice Disease of Seaweed ( <i>Ka</i>	B-08-006	Oral
45	Diana nasti	Magister biologi	Evaluation of Applications Floating Net Cage Aquaculture Systems Integrated Multi Trophic Aquaculture (IMTA) and Monoculture	B-08-007	Oral



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No	Name	Affiliation	Paper Title	Code	Type of Presentation
46	Jafron W. Hidayat	Department of Biology FSM Undip	Distribution and bioaccumulation of Zn on Mangrove Coast of Tapak. Tugurejo. Semarang as Approach to introduce Used Tire as APO	B-08-008	Oral
47	Mariana Sada	Diponegoro University	Ethnobotany of the Using Plant in Ceremonies of Ngadha Ethnic, Jerebu'u Sub District, Ngada District, Nusa Tenggara Timur Province	B-08-009	Oral
48	Udi Tarwotjo	Diponegoro University	The Resistance Monitoring of <i>Plutella xylostella</i> (L.) Population Against Residual of Emamektin Benzoate on The Determination of Concentration Diagnostic	B-08-010	Poster
49	Fajria Darell Sofiana	Diponegoro University	Community Structure Of Macroinvertebrates Inhabiting Bangkok River And Fish Farming Pond Minapolitan Area Of Menayu Village, Muntilan District	B-08-011	Oral
50	Sri Utami	Diponegoro University	Diversity Of Foreign Invasive Plants In The Forest Protected Panjang Island Jepara Central Java	B-08-012	Poster
51	Mochamad Hadi. RC Hidayat Soesilohadi. FX	Diponegoro University	Correlation of ecological characteristics Rice Stem Borer with biotic and abiotic	B-08-013	Oral





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No	Name	Affiliation	Paper Title	Code	Type of Presentation
	Wagiman and YR Suhardjono		environment factors in the organic and non-or		
52	Sapto P. Putro	Diponegoro University	Physical And Chemical Water And Sediment Properties In Relation To The Growth Of Pompano ( Trachinotus Blochii) In Integrated Multitrophic Aquaculture: Study Case At Sea Farming Area of Kepulauan Seribu Water Ecosystem	B-08-014	Oral
53	Riche Hariyati	Diponegoro University	The Effects Of Light Intensity And Salinity On The Spora Number Released From Gracilaria sp. CYSTOCARP	B-08-015	Oral
54	Rini Budi Hastuti	Diponegoro University	Analysis On The Daily Weight and Length Growth Rate and Its Ratio Of Milkfish (Chanos chanos) Within Silvicultural Pond Cultivation	B-08-016	Poster
55	Jumari	Diponegoro University	Diversity of The Yam (Dioscorea Spp) In Central Java And Local Knowledge Of Conservation Efforts	B-08-017	Oral
56	Benny Diah Madusari	Pekalongan University	The Differences in Plankton Community Structure of Pond Waters between Pemalang and	B-08-018	Oral





No	Name	Affiliation	Paper Title	Code	Type of Presentation
			Brebes, Central Java.		
57	Felicitas Bureng	Papua New Guenia	Ethnobotany of Medicinal Plants in The Vunatui Clan of The Tolai Society in East New Britain Province, Papua New Guinea	B-08-019	Oral
58	Susiana Purwantisari	Diponegoro University	Systemic Inducing Resistance And Yield On Potato Against Late Blight By Applying Antagonist <i>Trichoderma viride</i>	B-08-020	Oral
59	Riche Hariyati	Diponegoro University	Bio-indicators The Environment Quality In The Area Cultivation of Fish Karamba System Rawapening Lake, by Using Microalgae Structures	B-08-021	Oral
60	Muhammad Imam Fadila	Diponegoro University	Community Structure and Conservation Status of Birds in Various Mangrove Area Sub-district to Support Mangrove Ecotourism	B-08-22	Poster





**Table 3**

Field : Chemistry (C)  
Subfield : Integration of Chemistry Science, Technology and Engineering for the Synthesis of Multifunctional Materials and Compounds (09)

No	Name	Affiliation	Paper Title	Code	Type of Presentation
1	Tyas Hastya Chandra	Institut Teknologi Sepuluh Nopember	Extraction and purification of gamma oryzanol from Rice Bran Oil	C-09-001	Poster
2	Sumardianto	Diponegoro University	Glutamic Amino Acids and Proximate Profile of Shrimp Paste With Different Salt Concentration	C-09-002	Oral
3	Ulfah Amalia	Diponegoro University	Chemical and Physical Characteristics of Katsuobushi and Its Application For Flavor Enhancer	C-09-003	Oral
4	Tutik Murniasih	Research Center for Oceanography- Indonesian Institute of Sciences	The Secondary Metabolite from Bacterium FJAT and Antimicrobial Evaluations	C-09-004	Oral
5	Tri Windarti	Chemistry Departmen Diponegoro University	The Effect of Ca/P Ratio to The Formation of $\beta$ -TCP by Sol-Gel Method	C-09-005	Oral
6	Muhammad Cholid Djunaidi	Diponegoro University/Indonesia	Role of Number of Cavity Imprinted on the Selectivity of The Imprinted Polymer Adsorbent	C-09-006	Oral
7	Parsaoran Siahaan	Diponegoro University	Interaction Between Adt-C2 Close Cyclic State Peptide with e-cadherin Based Molecular Docking	C-09-007	Oral
8	Sa'idatul Wafiyah	Diponegoro University	"Soybon (Soya as Activated Carbon)" Use as Adsorben of COD. BOD. and	C-09-008	Oral



No	Name	Affiliation	Paper Title	Code	Type of Presentation
			NH3 Gases on Tofu Wastewater		
9	Sriatun	Chemistry Department FSM Undip	Synthesis and characterization Zeolite/Magnetite Composite From Sand of Marina Beach	C-09-009	Oral
10	Sarah Nur Halimah	UNDIP	The effect of different concentrations of liquid smoke to the glutamic acid smoked catfish ( <i>Clarias batrachus</i> )	C-09-010	Poster
11	Luthfiyati ningsih	Institut Teknologi Sepuluh Nopember	Analisa Karakteristik Karbon Aktif dari Arang Bambu (Bamboo Char	C-09-011	Poster
12	Fauzizah Fatma Ningrum	Institut Teknologi Sepuluh Nopember	Waste Treatment banana tree ( <i>Musa paradisiaca L.</i> ) AS ASH Neutralizing water hardness Conservation Efforts in Water and Environment	C-09-012	Oral
13	Emas Agus Prastyo Wibowo	Semarang State University	Degradation Remazol Black B using TiO <sub>2</sub> Photocatalyst	C-09-013	Oral
14	Yayuk Astuti	Chemistry Department. UNDIP	Synthesis of Bismuth Oxide Using Precipitation Method and its Photocatalytic Activity for Methyl Orange Degradation	C-09-014	Oral
15	Arneli	Chemistry Department. UNDIP	Modification of Rice Husk-Based Active Carbon Using Anionic and Cationic Surfactants	C-09-015	Oral



No	Name	Affiliation	Paper Title	Code	Type of Presentation
16	Dwi Hudiayanti	Diponegoro University	Encapsulation of Cinnamic acid and Galangal ( <i>Alpinia galanga</i> ) Extract in Coconut ( <i>Cocos nucifera</i> ) liposomes	C-09-016	Oral
17	khabibi	Diponegoro University	Chitosan-ZnO Composite for Adsorption of Pb(II) and Decolorization of methylene blue Dye simultaneously	C-09-017	Oral
18	Parsaoran Siahaan	Diponegoro University	AB Initio Computational Study Of Structure And Reactivity Of Proline (P) And Valine (V) Amino Acid On Hf/6-31g(D,P) Level	C-09-018	Oral

**Table 4**

Field : Mathematics (M)  
Subfield : Integration of Chemistry Science, Technology and Engineering for the Synthesis of Multifunctional Materials and Compounds (04)

No	Name	Affiliation	Paper Title	Code	Type of Presentation
1	Nur Khasanah	Diponegoro University	The Algorithm of Determinant Centrosymmetric Matrix Based on Lower Hessenberg Form	M-04-001	Oral
2	Bayu Surarso	Faculty of Sciences and Mathematics, Diponegoro University	Fuzzy AHP-TOPSIS based on possibility theory for supplier selection	M-04-002	Oral
3	Ma'had Wicaksono	Diponegoro University	The Implementation of ANP-PROMETHEE Method for Supplier Selection	M-04-003	Oral





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No	Name	Affiliation	Paper Title	Code	Type of Presentation
4	Moh. Yamin Darsyah	Universitas Muhammad iyah Semarang	Support Vector Machine For Classification Of Pulmonary Tuberculosis In Semarang	M-04-004	Oral
5	Tatik Widiharih	Department of Statistics. Diponegoro University.	D-Optimal Designs for Logistic Models With MAPLE	M-04-005	Oral
6	Kornelia Paskatria Cahnyani	Diponegoro University	The Maximization of Wealth With Loss Aversion for an Insurer	M-04-006	Oral
7	Adrian Surya Permana	Diponegoro University	A Study of Sequential Program and Concurrent Program Performance in Line Follower Robot Sensor Acquisition	M-04-007	Oral
8	Gitta Agnes Putri	Diponegoro University	Numerical Solution of 2-D Pollutant Distribution Model Based on Advection-Diffusion Mechanism in Waste Stabilization Ponds	M-04-008	Oral
9	Lilin Amalia Soviana	Diponegoro University	Stability Analysis of Removal Nitrogen Model in Waste Stabilization Ponds	M-04-009	Oral
10	Abdul Karim	Department of Statistics. University of Muhammad iyah Semarang	Modeling Rice Production in Central Java Using Spatial Panel	M-04-010	Poster
11	Sutrisno	Universitas Diponegoro	Modeling and Simulation of Hybrid Dynamic of Autonomous System for Several Restricted Areas Avoidance	M-04-011	Oral
12	Umi Mahmudah	Universiti Malaysia Terengganu	A Model of Profit Sharing Earn by Employees Based on	M-04-012	Oral





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No	Name	Affiliation	Paper Title	Code	Type of Presentation
			its Qualifications		
13	Muhammad Hammam	Computer Science/Informatics Diponegoro University	Implementation of Decision Support System for Determining The Location of Teak Tree Plantation with Promethee Method	M-04-013	Oral
14	Garry Leonard	Diponegoro University	The planning and implementation of E-Commerce with price segmentation using spiral development method	M-04-014	Oral
15	Cahya Aji Permana	Diponegoro University	Backpropagation Analysis Method to Predict The Needs of Drugs in Semarang	M-04-015	Oral
16	Jihad Kamil	Diponegoro University	Regression Analysis Method to Predict The Needs of Drugs in Semarang	M-04-016	Oral
17	Adi Wibowo	Diponegoro University	Development of Programmable miRNA detection Based on Rule-based Classifier Algorithm using DNA strand displacement	M-04-017	Oral
18	Indah Manfaati Nur	Universitas Muhammadiyah Semarang	Zero Inflated Negative Binomial Regression Approach for Mortality of the Children Malnutrition in Central Java Province	M-04-018	Oral
19	Alan Prahutama	Statistics Departemen t. Diponegoro University	Modelling of Spread Malaria in Central Java Using Spatial Regres	M-04-019	Oral
20	Hasbi Yasin	Department of Statistic. Diponegoro University	Modeling of Air Polluter using Geographically Weighted Multivariate	M-04-020	Oral





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No	Name	Affiliation	Paper Title	Code	Type of Presentation
			Regressions (GWMR)		
21	Sutrisno	Diponegoro University	Deterministic Dynamic Programming Approach to Solve an Integrated Dynamic Supplier Selection and Inventory Control	M-04-021	Poster
22	Helmie Arif Wibawa	Universitas Diponegoro	Discrete Wavelet Transformation and Shape Square Matrix for Identification of Cholesterol Levels through Iris	M-04-022	Oral
23	Charisma Annisa	Diponegoro University	Sistem Pemantaun Murid Berbasis Aplikasi Hibrid dengan Restful WEB Service Studi Kasus: MTS Taqwal Ilah Semarang	M-04-023	Poster
24	Muhammad Ramziadh Afgeshza	Undip	Prototype of Home Lighting Monitoring and Control System Based on Web Service Using ESP8266 Microcontroller	M-04-024	Oral
25	Nikken Prima Puspita	Department of Mathematics FSM Undip	Characteristic of Near Ring From Group Object of Category	M-04-025	Oral
26	Robertus Heri Soelistyo Utomo	Diponegoro University	Performance Analysis of Chaos Discrete Control System of Close and Open Loop with Impulsive Controller	M-04-026	Oral
27	Ika Nur Khasanah	Faculty of Science and Mathematic Diponegoro University	Stability Analysis and Control of The SLBS Computer Viruses Spread Model: Case Study in the Applied Mathematics	M-04-027	Oral





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No	Name	Affiliation	Paper Title	Code	Type of Presentation
			Laboratory.		
28	Widowati	Diponegoro University	BI-OBJECTIVE MODEL PREDICTIVE CONTROL DESIGN USING ADAPTIVE WEIGHTED SUM METHOD	M-04-028	Poster
29	Sukmawati Nur Endah	Diponegoro University	Automatic Indonesian Text Summarization Using Vector Space Model	M-04-029	Oral
30	Muhammad Fahmi	Diponegoro University	Velocity Model Building for Complex Subsurface Structure Imaging using Pre Stack Depth Migration in MF-3D Field	M-04-030	Oral
31	Retno Kusumaningrum	Diponegoro University	Planthopper Detection Using Optimized Backpropagation Based on Nguyen-Widrow and Momentum	M-04-031	Oral
32	Sukmawati Nur Endah	Diponegoro University	Hidden Markov Model and Learning Vector Quantization for Indonesian Speech Recognition: A Comparative Study	M-04-032	Oral
33	Priyo Sidik Sasongko	Diponegoro University	Pengembangan E-Learning Untuk Meningkatkan Kompetensi Pedagogik bagi Guru-Guru SMPIT Bina Amal Dan SMP Muhammadiyah 2 Semarang	M-04-033	Oral





**Table 5**

Field : Physics (P)  
Subfield : Nanoscience, Nanotechnology and Nanotoxicology  
(01), Applied Ecology, Environmental Science and Sustainability (05), Earth Science and Natural Resources Management for environmental Sustainability (07), Physics and its Application for the Development of Medical Devices Technology Physics and Its Application for the Deveopment of Medical Devices Technology (10)

No	Name	Affiliation	Paper Title	Code	Type of Presentation
1	Lingga Jati Dwidagdo	Diponegoro University	Characterization of CNT-ZnO: Nanocomposite by Doctor Blade method as Potential Electrode for High Energy Density Supercapacitor	P-01-001	Oral
2	Dhewi Lestari	Diponegoro University	X-Ray and g-Ray radiation effect on the UV-absorbance of CeO <sub>2</sub> Nanoparticles Solution	P-01-002	Oral
3	Emas Agus Prastyo Wibowo	Semarang State University	Degaradtion Remazol Black B using Tio <sub>2</sub> Photocatalyst	P-01-003	Oral
4	Jibrin Alhaji Yabagi	Universiti Tun Hussein Onn Malaysia	Structural Transformation of Polystyrene Nanosphere Produce Positive and Negative Resistes by Controlled Laser	P-01-004	Oral
5	Agus Subagio	Physics Department. FSM. Diponegoro University	Growth of TiO <sub>2</sub> Thin Films by High Energy Milling assisted Pulsed Laser Deposition (HEM-PLD) Method	P-01-005	Oral
6	Intan Martha Cahyani	Sekolah Tinggi Ilmu Farmasi "Yayasan Pharmasi" Semarang	Optimization of Preparation Cream with Nanoparticles from Corncob (Zea Mays L.) Waste of Ethanol Extract as Sun Screen Potential	P-01-006	Oral





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No	Name	Affiliation	Paper Title	Code	Type of Presentation
7	M. Alvien Ghifari	Diponegoro University	Nano-zeolite Modification Using Cetylpyridinium Bromide as Remazol Black B and Remazol Yellow G Dye Adsorbent	P-01-007	Oral
8	Rahmat Gernowo	Departmen of physics	Convective Clouds Modell for analysis weather extreme in Indonesia	P-05-001	Oral
9	Fahmi W. Kifli I	INSTIPER Yogyakarta	Contribution of Economic Sector and Agricultural Development to Support Food Security in North Sumatra Province.	P-05-002	Oral
10	Erry Wiryani	Faculty of Science and Mathematic. Diponegoro University	Identification of water conservative tree species with high economic value around "Sendang Kalimah Toyyibah"	P-05-003	Poster
11	Feela Zaki Safitri	UIN Syarif Hidayatullah Jakarta	Level of Environmental Health Effects Content of Heavy Metal Cadmium in Green Mussels. which Consumed by North Jakarta People	P-05-004	Oral
12	Syarif Prasetyo	Faculty of Science and Mathematic Diponegoro University	Water Quality of Aquaculture Area by Community Structure of Macrozoobenthos Based on Abundance Biomass Comparison curve (ABC cur)	P-07-001	Oral
13	Titi Rahmawati	Diponegoro University	Identification Distribution of Pollutant with Resistivity Method Dipole-Dipole Configuration Area Kaligarang River Central Java	P-07-002	Oral





No	Name	Affiliation	Paper Title	Code	Type of Presentation
14	M Irham Nurwidyanto	Fisika FSM Undip	Estimasi Sesar Semarang Berdasarkan Metode magnetik	P-07-003	Oral
15	Hernowo Danusaputro	Departemen Fisika/FSM Undip	Research Deployment Of Heavy Metals On Land Arround The River	P-07-004	Oral
16	Yulianto Tony	Physics Department/ Diponegoro Univesity	Landslide Control Strategy in Trangkil Gunungpati Based Shallow Groundwater Flow Patterns	P-07-005	Oral
17	Munifatul Izzati	Diponegoro University	Calcium And Iron Content Of Aquatic Plants From Fresh, Brackish And Marine Water Environments And Their Potency To Be Developed As Soil Conditioner	P-07-006	Oral
18	Marichatul Jannah	Department of Epidemiology . Diponegoro University	Optimalization of Time Repetition and Time Echo Variation to the Image Quality in Magnetic Resonance Imaging Brain Tumor	P-10-001	Oral
19	K. Sofjan Firdausi	Department of Physics. Faculty of Sciences and Mathematics. Diponegoro University	The relationship between gradient of electro-optics and composition of fatty acids for a new investigation of palm oil quality	P-10-002	Oral
20	Sugiyanto	Politeknik Kesehatan Kemenkes Semarang	Relationship of Qualification Joint Space Width and Tibiofemoral Angle use ImageJ toward in Patients with Knee Pain	P-10-003	Oral
21	Priyono	Department of Physics. Faculty of Sciences and Mathematics.	Preparation and Properties of Ferrimagnetic W-type Hexaferrite	P-10-004	Poster



No	Name	Affiliation	Paper Title	Code	Type of Presentation
		Diponegoro University	from Mechanical Milling Process		
22	Sugiyanto	Politeknik Kesehatan Kemenkes Semarang	Quantification of JSW and TFA Angle use of Digital Image Processing as a Predictor of Osteoarthritis in Patients with Knee Pain	P-10-005	Oral
23	Sanggam Ramantisan	Universitas Diponegoro Semarang. RS Ken Saras Kab. Semarang	Analysis of Radiation Dose Distribution by Using Cerrobend Compensator-Based Intensity Modulated Radiation Therapy in Linac 6 MV	P-10-006	Oral
24	Mitrayana	Universitas Gajah Mada	Characterization of CO <sub>2</sub> Laser Photoacoustic Spectrometer Intracavity Configuration and its Application in Measuring Acetone, (CH <sub>3</sub> ) <sub>2</sub> CO	P-10-007	Oral
25	Muhammad Nur	Center for Plasma Research	Dielectric Barrier Discharge Plasma Investigation for Waste Cooking Oil Treatment	P-10-008	Oral
26	Evi Setiawati	Diponegoro University	Dose Analysis at Palladium-103 Brachytherapy of Prostate Cancer using Monte Carlo Method	P-10-009	Oral
27	Eko yulianto	Magister of physics. Diponegoro University	Physical phenomenon of Plasma Electrolysis in Asymmetrical Reactor and 0.8 M NaCl Solution	P-10-010	Oral
28	Zaenal Arifin	Diponegoro University	Determination of Safe Distance Between Two Irradiation Fields	P-10-011	Oral



No	Name	Affiliation	Paper Title	Code	Type of Presentation
			Which Experienced Beam Junction In Linear Accelerator		
29	Suryono	Diponegoro University	Online Sensor for Prediction of Carbon Monoxide Concentration using Pritpal Singh Fuzzy Time Series	P-10-012	Oral
30	Ade Ika Susan	Diponegoro University	Study of charge carriers mobility in the multi-point to plane corona plasma reactor with 841 points	P-10-013	Oral



**4.3 Paralel Session Schedule in Detail**

**Table 6**

Time	Amarta Ballroom 1	Amarta Ballroom 2	Amarta Ballroom 3	Sadewa room	Nakula room	Bima room	Yudistira room
	Moderator: B-03-004	Moderator: B-03-023	Moderator: C-09-008	Moderator: M-04-012	Moderator: M-04-032	Moderator: P-10-002	Moderator: B-03-030
	Paper Code	Paper Code	Paper Code	Paper Code	Paper Code	Paper Code	Paper Code
13.00-13.10	B-02-001	B-03-018	C-09-004	M-04-007	M-04-026	P-07-003	B-02-004
13.10-13.40	B-02-002	B-03-019	C-09-005	M-04-008	M-04-027	P-07-004	B-02-005
13.40-13.50	B-03-001	B-03-020	C-09-006	M-04-009	M-04-029	P-07-005	B-03-027
13.50-14.00	B-03-002	B-03-021	C-09-007	M-04-010	M-04-030	P-10-001	B-03-028
14.00-14.10	B-03-003	B-03-022	C-09-008	M-04-011	M-04-031	P-07-006	B-03-029
14.10-14.20	B-03-004	B-03-023	C-09-009	M-04-012	M-04-032	P-10-002	B-03-030
	Moderator: B-03-010	Moderator: B-08-003	Moderator: C-09-014	Moderator: M-04-018	Moderator: P-01-006	Moderator: P-10-008	Moderator: B-08-015
	Paper Code	Paper Code	Paper Code	Paper Code	Paper Code	Paper Code	Paper Code
14.20-14.30	B-03-005	B-03-024	C-09-012	M-04-013	P-01-001	P-10-003	B-03-033
14.30-14.40	B-03-006	B-03-025	C-09-013	M-04-014	P-01-002	P-10-004	B-08-009
14.10-14.20	B-03-007	B-03-026	C-09-014	M-04-015	P-01-003	P-10-005	B-08-011
14.20-14.30	B-03-008	B-08-001	C-09-015	M-04-016	P-01-004	P-10-006	B-08-013
14.30-14.40	B-03-009	B-08-002	C-09-016	M-04-017	P-01-005	P-10-007	B-08-014
14.40-14.50	B-03-010	B-08-003	C-09-017	M-04-018	P-01-006	P-10-008	B-08-015
	Moderator: B-03-017	Moderator: C-09-002	Moderator: M-04-006	Moderator: M-04-025	Moderator: P-07-002	Moderator: C-09-013	Moderator: B-08-21
	Paper Code	Paper Code	Paper Code	Paper Code	Paper Code	Paper Code	Paper Code
14.50-15.00	B-03-011	B-08-004	C-09-018	M-04-019	P-01-007	P-10-009	B-08-017
15.00-15.10	B-03-012	B-08-005	M-04-001	M-04-020	P-05-001	P-10-010	B-08-018
15.10-15.20	B-03-013	B-08-006	M-04-002	M-04-021	P-05-002	P-10-011	B-08-019
15.20-15.30	B-03-014	B-08-007	M-04-003	M-04-022	P-05-003	P-10-012	B-08-020
15.30-15.40	B-03-015	B-08-008	M-04-004	M-04-023	P-05-004	P-10-013	B-08-021
15.40-15.50	B-03-016	C-09-002	M-04-005	M-04-024	P-07-001		
15.50-16.00	B-03-017	C-09-003	M-04-006	M-04-025	P-07-002		
<b>16.00-17.00</b>	<b>Invited speakers talk</b>						
<b>17.00-17.30</b>	<b>Closing ceremony and photo session</b>						