

# **Author Guidelines**

Instructions for Authors submitting papers to the RaSiM 11 International Symposium 'Rockbursts and Seismicity in Mines', Luleå, Sweden 24-29 August 2025

General guidelines

- $\checkmark$  Please use the following instructions for the paper to RaSiM 11.
- $\checkmark$  For simplicity use the added template for writing the paper.
- $\checkmark$  Always use the official SI notations.
- ✓ The proceedings from RaSiM will be digital, and there are no constrains on the length of the paper.
- ✓ Kindly remove page numbers. If the total number of pages in the paper is odd, kindly add a page at the end to make it even.
- $\checkmark$  Colour figures are allowed and encouraged.
- $\checkmark$  The deadline for submission of the first draft of the paper is March 31, 2025.
- ✓ Papers should be submitted as word-files via <u>the online submission system.</u>



Margins	Right: 20 mm	Page Setup ? ×
	Top: 25 mm Bottom: 25 mm	Margins Paper Layout
		Margins
		<u>Т</u> ор: 2,5 cm <u>В</u> ottom: 2,5 cm
		Left: 2 cm
		Gutter: 0 cm 🔶 Gutter position: Left 🗸
		Orientation
		Portrait Land <u>s</u> cape
		Pages
		Multiple pages: Normal
		Preview
		Apply to: Whole document v



Text style	Times new roman	
Paper title	Font size: 18 (bold) Line spacing:-Single	Paragraph ? X
	Spacing before the paragraph: 0 pt Spacing after the paragraph: 24 pt	Indents and Spacing Line and Page Breaks
	First letter of the first word of the sentence is with	General
	capital letter and all acronyms are with capital letters too. It should look like this:	Alignment:     Justified       Outline level:     Body Text       Collapsed by default
	Dovelopment of a Markov	Indentation
	Development of a Markov Model for Production	Left: 0 cm ♀ Special: By:
		<u>R</u> ight: 0 cm ♀ (none) ♀ ♀
	<b>Performance Optimisation</b>	Mirror indents
		Spacing
		<u>B</u> efore: 0 pt
		After:     24 pt     ♣     Single     ➡       □ Don't add space between paragraphs of the same style
		Don't add space between paragraphs of the same style
		Preview
		Persiste Paugard, Persista Paugardi, Persona Paugardi Per
		Modeling VOD effects on mok ingmentation within Multiple Bhothole Engmentation (MBF) model
		Following Pangaph Juliwang Pangaph Juliwang Pangaph Following Pangaph Following Pangaph Following Pangaph Following Pangaph Following Pangaph
		Following Parajoph Tollowing Parajoph Tollowing Parajoph Following Parajoph Tollowing
		Tabs Set As Default OK Cancel



Font size: 12 pt Line spacing: Exactly 14 pt	Paragraph ?	×
Spacing before and after the paragraph: 3 pt Author name should be in <b>bold.</b> It should look like this:	Indents and Spacing Line and Page Breaks	
tris:	General Alignment: Justified	
D. Johansson <sup>1</sup> , H. Schunnesson <sup>2</sup> and S. S. Rajpurohit <sup>3</sup>	Qutline level: Body Text Collapsed by default	
	Indentation	
a, b	Left: 0 cm Special: By:	W. 19
Font size: 12 pt, superscript, <b>bold</b>	Right: 0 cm 🔶 (none) 🗸	*
	Mirror indents	
	Spacing	
	Before: 3 pt 🔶 Line spacing: At:	- 16
	After: 3 pt 🔦 Exactly 🗸 14	pt 💂
	Don't add spage between paragraphs of the same style     Preview     Previous Paragraph Protowing Paragraph Prot	



Affiliation	Font size: 12 pt Line spacing: Exactly 14 pt	Paragraph					?	×
	Spacing before and after the paragraph: 3 pt Affiliation (Company or University name) in <i>italics</i> It should look like this:	Indents and Sp	acing	Line and Page	Breaks			
	It should look like this:	General						
	<sup>1</sup> Luleå University of Technology, Luleå, Sweden	Alignment: Outline level	Cente Body		<ul> <li>✓ Collapsed b</li> </ul>	oy default		
	<sup>2</sup> Indian Institute of Technology, Dhanbad, India	Indentation						
		Left:	0 mm	-	Special:		By:	
	<sup>1,2</sup> Font size: 12 pt, superscript, italics	<u>Right:</u>	0 mm	*	(none)	~		-
	Tont Size. 12 pt, superscript, funes	<u>Mirror</u> in	idents					
		Spacing						
		<u>B</u> efore:	3 pt	-	Line spacing:		At	
		A <u>f</u> ter:	3 pt	-	Exactly	~	14 pt	•
		Don't ad	d spa <u>c</u> e b	oetween paragra	aphs of the same style	e		
		Preview						
		Versinen Paragraph Desiteur Paragraph Persinen Paragraph Desiteur Paragraph Persinen Paragraph Desiteur Paragraph Persinen Persinen Paragraph P						
		<u>T</u> abs		Set As Defau	lt OK	c l	Car	ncel



Abstract Heading	Font size: 12 pt (Capital letters and <b>bold</b> ) Line spacing: Exactly 14	Paragraph	?	×
	Spacing before the paragraph: 48 pt Spacing after the paragraph: 10 pt	Indents and Spacing Line and Page Breaks		
	Alignment: Left It should look like this:	General		
		Alignment:		
		Outline level: Body Text Collapsed by def	ault	
	ABSTRACT	Indentation		
		Left: 0 mm 😩 Special:	By:	
		Bight: 0 mm 🔶 (none)	~	-
		Mirror indents		
		Spacing		
		Before: 48 pt Line spacing:	At	
		After: 10 pt 🜩 Exactly	~ 14 pt	\$
		Don't add spa <u>c</u> e between paragraphs of the same style		
		Preview		
		Provinces Paragraph Dovincer Paragraph Provinces Paragraph Provinces Faragraph Provinces Paragraph Provinc	gh Printeer Para-	
		andim Friedman Panalitatis. Friedman Panalitatis. Panalitatis Processor, Panalitatis Processor, Panalitatis.		
		ABSTRACT Fallowing Paragraph Following Datagraph Following Paragraph Following Paragra	locial Patamata	
		Folloniae Paramath Folloniae Paramath Folloniae Paramath Folloniae Paramath Fol	lohing Panenah	
		Iabs Set As Default OK	Can	cel



Abstract text	Font size: 12 pt Line spacing: Exactly 14 pt	Paragraph	? ×
	Spacing before the paragraph: 0 pt Spacing after the paragraph: 10 pt Alignment: Justified The abstract should be a single paragraph so remove any line breaks. It should look like this:	Indents and Spacing Line and Page Breaks General Alignment: Justified Qutline level: Body Text Collapsed by default	
	ABSTRACT Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam imperdiet enim venenatis, tincidunt nulla eu, facilisis quam. Nulla quam ipsum, cursus in sem ut, interdum semper ex. Sed lorem lacus, feugiat et iaculis sed, ullamcorper at tellus. Quisque laoreet cursus ante in egestas. Sed non augue nisi. Proin quis nisi dui. Sed at velit et mauris posuere molestie. Nam ut metus sit amet nunc vulputate vehicula. Nunc nec mattis massa, eu mattis lorem. Aliquam erat volutpat. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae.	Indentation         Left:       0 mm       Special:         Bight:       0 mm       (none)       Image: Control of the second	nengi nengik negisik
		Iabs     Set As Default     OK	Cancel



Heading 1	Font size: 12 pt (Capital letters), <b>Bold</b> , Line spacing: Exactly 14 pt	Paragraph ? ×
	Spacing before the paragraph: 20 pt Spacing after the paragraph: 6 pt Indentation Hanging (0,77 cm)	Indents and Spacing Line and Page Breaks General
	Numbered (1, 2, 3). Alignment: Left It should look like:	Alignment:     Left       Qutline level:     Level 1    Collapsed by default
	2 NEW DEVELOPMENT	Indentation
		Right: 0 cm 🗘 (none) 🗸
		Mirror indents
	Spacing Before: 20 pt Line spacing: At:	
		After: 6 pt Don't add space between paragraphs of the same style
		Preview
		Previous Paragraph Previous Para
		Image:



Heading 2	eading 2 Font size: 12 pt, bold Line spacing: Exactly 14 pt	Paragraph		?	×
	Spacing before paragraph: 10 pt Spacing after paragraph: 6 pt Indentation Hanging (0,77 cm)	Indents and Spacing Line and Page Breaks General			
	Numbered (2.1,2.2,2.3) Alignment: Left It should look like this:	Alignment:   Left     Qutline level:   Level 2    Collapsed	oy default		
	2.1 Case study mine	Indentation			
		Left: 0 mm 🚖 Special:		By:	
		Right: 0 mm 🖨 Hanging	~	7.7 mm	+
		Spacing Before: 10 pt 📮 Line spacing:		At	
		After: 6 pt 🚔 Exactly	~	14 pt	\$
		Don't add spage between paragraphs of the same style Preview  Preview P		m Pyro	
		Heading 2 Fellowing Paragraph: Fellowing Paragraph Fellowing Paragraph Fellowing Para Fellowing Paragraph Fellowing Paragraph Fellowing Para	graph Following Fo graph Following Fo graph Following Fo enalt Following Fo	ngaph ngaph ngaph nanat	
		Iabs     Set As Default     O	ĸ	Car	nci



Heading 3	Heading 3Font size: 12 pt, bold, italic Line spacing: Exactly 14 pt Spacing before paragraph: 10 pt Spacing after paragraph: 6 pt Indentation Hanging (1,1 cm) Numbered (2.1.1,2.1.2) Alignment: Left It should look like this:2.1.2 Heading 3	Paragraph	? ×				
		Indents and Spacing Line and Page Breaks General Alignment: Left Qutline level: Level 3 Collapsed by default					
		Indentation	By:				
	Bight: 0 mm 🖨 Hanging 🗸	11 mm 🚔					
Heading 4	Font size: 12 pt, <i>italic</i> Line spacing: Exactly 14 pt Spacing before paragraph: 10 pt Spacing after paragraph: 6 pt Indentation Hanging (1,5 cm) Numbered (2.1.1.1,2.1.2.1) Alignment: Left It should look like this:	☐ <u>M</u> irror indents Spacing <u>B</u> efore: 10 pt ♀ Li <u>n</u> e spacing:	At				
		After: 6 pt + Exactly +	14 pt				
		Don't add spa <u>c</u> e between paragraphs of the same style					
		Preview					
	2.1.1.2 Heading 4	Functions         Paragraph         Provisions         Paragraph         Paragraph         Provisions         Paragraph         Paragr	Paragraph Paragraph Paragraph Paragraph				



Main text body (Text	Font size: 12 Line spacing: at Least 14	Paragraph				?	×
Style is a Paragraph in	Spacing before and after the paragraph: 6 pt Alignment: Justified	Indents and Spaci	ng Line an	d <u>P</u> age Breaks			
the template)		General					
		Alignment:	Justified	~			
		Outline level:	Body Text	~ Co	llapsed by defau	t	
		Indentation					
		<u>L</u> eft:	0 mm 🌲	<u>S</u> pecia	ıl:	B <sub>¥</sub> :	
		Bight	0 mm 🚔	(none	e) ~	•	-
		<u>M</u> irror inde	nts				
		Spacing					
		<u>B</u> efore:	6 pt 🚔	Li <u>n</u> e sp	pacing:	At	
		A <u>f</u> ter:	6 pt 🚔	At lea	st	14 pt	-
		Preview	şh. Davises Vazgrafi	paragraphs of the s	ngungah Patronas Pangungah I	Personal Para-	
	Loren ipsun de sis quan. Following Par Following Par Following Par	olor sit anet, consectatur graph Following Para graph Following Para graph Following Para	adipiscing alit. Nullan imperdie graph Feilencing Patagraph Fe graph Feilencing Patagraph Fe graph Feilencing Patagraph Fe cash Feilencing Patagraph Fe	rt enim vesenatis, tincidunt a disulta, Pacagraph Estimat desitar, Pacagraph Petient disutar, Pacagraph Petient	ng Pangraph ng Pangraph		
		<u>I</u> abs	Set As	Default	ОК	Ca	ncel



Figure size	the shape of the figure the same	Layout	?	×
	Wrapping style in line with the text	Position Text Wrapping Size		
	Move the figures which are in the tables and paste them as just figures. <b>No border for the figure</b>	Height  Absolute 7,21 cm  Relative  Relative  Absolute 17 cm  Relative  Rela	N N	
	Rotation:       0°       Image: Constraint of the state of t	Trany		
		Height: 18,13 cm Width: 42,67 cm	Re <u>s</u> e	:t
		ОК	Car	ncel



Text Wrapping	Layout ? >	×
	Position Text Wrapping Size	
	Wrapping style	
		1
	X X X X	
	In line with text Square Iight Through Top and botto	_l mc
	×	
	Behind text In front of text	
	Wrap text	
	Both sides C Left only Right only C Largest only	
	Distance from text	
	Top 0 cm 🗘 Left 0.32 cm 🗘	
	Bottom 0 cm 🗘 Right 0.32 cm 🗘	
	OK Cancel	
	OK	



Figure position	Spacing before the paragraph: 6 pt Spacing after the paragraph: 0 pt	Paragraph				?	×
	Alignment: center	Indents and Sp	acing [	ine and <u>P</u> age Br	eaks		
		General					
		Alignment	Center	ed 🗸 🗸			
		<u>O</u> utline level	: Body T	ext ~	Collapsed by c	lefault	
		Indentation					
		<u>L</u> eft:	0 mm	•	Special:	Вұ:	
		Right:	0 mm	-	(none)	~	-
		<u>Mirror in</u>	dents				
		Spacing					
		<u>B</u> efore:	Before: 6 pt	-	Li <u>n</u> e spacing:	At	
		A <u>f</u> ter:	0 pt	•	Single	~	÷
		Don't ad	d spa <u>c</u> e be	tween paragrapi	ns of the same style		
		Preview					
		graph Press Sample T4 Text San Poliforing Felbrang	en Paragraph Per st Sample Test S tple Test Sample Paragraph Follo Paragraph Follo	ample Text Sample Text Sa Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text	nik Present Pargraph Frenien Pa regent Pierona Pargraph regist Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Sample Text Pargraph Following Pargraph Pargraph Following Pargraph Pargraph Following Pargraph Pargraph Following Pargraph Research Tollowing Pargraph	Sample Text Sample le Text Sample Text Following Paugrap Following Paugrap	
		Iabs		Set As Default	ОК		Cancel



Figure caption (below the figure)	Font size: 12 pt, <b>bold</b> , Numbered, Line spacing: at least 14	Paragraph	? ×
	Spacing before the paragraph: 0 pt Spacing after the paragraph: 10 pt Indentation Hanging (2,1 cm)	Indents and Spacing Line and Page Breaks	
	Put a tab after figure number and use the tab to align them. It should look like this:	General       Alignment:     Justified       Outline level:     Body Text       Collapsed by default.	
	Figure 1 The influence of fragmentation on the mining process.	Indentation	
		Left: 0 mm ♀ Special: Bight: 0 mm ♀ Hanging ∨	By:
		Mirror indents Spacing	
		Before: 0 pt 🖨 Line spacing:	At
		After: 10 pt 🖨 At least 🗸	14 pt 🌻
		Don't add spa <u>c</u> e between paragraphs of the same style Preview	
		<ul> <li>Previous Paragraph, Previous Paragraph, Peterson, Paragraph, Peter</li></ul>	
		Jabs         Set As Default         OK	Cancel



Table size	Width - maximum 17 cm, Wrapping style none, centre aligned, text in middle and centre of the cell box. All borders for the tables	Table Properties     ?     X       Iable     Row     Column     Cell     Alt Text
		Alignment Left Center Right
		Text wrapping
		None Around Positioning
		OK Cancel



Table Properties   ?
Iable <u>Bow</u> Col <u>u</u> mn C <u>e</u> ll <u>A</u> lt Text
Size
Preferred width: 2.17 cm 🗘 Measure in: Centimeters
Vertical alignment
Top Center Bottom
Options
OK Cancel



Table caption(Above the table)	Line spacing	2 pt, <b>bold</b> , Numbe g: at least 14 pt			Paragraph		5		?	×
	Spacing afte	ore the paragrapl er the paragraph: Hanging: (21 mn	4 pt		Indents and Sp General	bacing Line and Pa	ge Breaks			
	Put a tab aft align them. It should loc	er Table number ok like this:	r and use th	ne tab to	Alignment: Qutline leve	Justified I: Body Text	Collapsed by	y default		
	<mark>⊕</mark> Table 1	Property			Indentation					
	Explo- sive	Density (g/cc)	RWS	VoD (m/s)	<u>L</u> eft:	0 mm 🔷	<u>S</u> pecial:		By:	
	Pt-1	1.21	1.17	4880	Bight	0 mm 韋	Hanging	*	21 mm	÷
	Pt-2	1.19	0.94	4720	<u>M</u> irror in	ndents				
				I	Spacing				(20)	
					Before: After:	0 pt 🜩 4 pt 🜩	Li <u>n</u> e spacing: At least	140	<u>A</u> t 14 pt	
						. I	graphs of the same style		2.4 PS	•
					Penagraph 1 Tablé 1 Pro Folioning Folioning Folioning	Precision Paragraph Previous Paragraph openy Designaph Pollowing Paragraph Pollo Paragraph Pollowing Paragraph Pollo Paragraph Pollowing Paragraph Pollo	Pacagraph Powinsts Pacagraph Powinsts P A Powinst Pacagraph Pollowing Pacagraph Following Pacagraph Following Pacagraph Foll	ioning Paternal Ioning Paternal Ioning Paternal Ioning Paternal		
					<u>I</u> abs	Set As Def	ault OK		Can	cel



Table Text	Font size: 12 Line spacing: at least 14 p			Paragraph					?	×
	text) Spacing before and after 4 pt Alignment: centered	er the para	graph:	Indents and Spa	cing L	ine and <u>P</u> age	Breaks			
				General						
	Table 1 Property			Alignment:	Centere	ed	~			
	Explo- sive Density (g/cc)	RWS	VoD (m/s)	<u>O</u> utline level:	Body Te	ext	✓ Collaps	ed by default		
	Pt-1 1.21	1.17	4880	Indentation						
	Pt-2 1.19	0.94	4720	Left:	0 mm	-	<u>S</u> pecial:		By:	
				Bight	0 mm	-	(none)	~		*
				<u>M</u> irror ind					255	
				Before:	4 pt	÷	Li <u>n</u> e spacin	2 [[2]]	At	\$
				A <u>f</u> ter:	4 pt spa <u>c</u> e bet	Transmitt .	At least aphs of the same	style	14 pt	•
				Preview						
				graph Provide Following 7 Following 7 Following 9 Following 9	n Pangraph Par Wegraph, Fello Vangraph, Fello Vangraph, Fello Vangraph, Fello	rious Paugraph Porv mag Paugraph Pol Mag Paugraph Pol Mag Paugraph Pol Mag Paugraph Pol	segraph Persona Pargraph na Pargraph Persona Pargraph Explosive ming Pargraph Following owing Pargraph Following owing Pargraph Following owing Pargraph Following owing Pargraph Following	ph Pargraph Following Pargraph Following Pargraph Following Pargraph Following	Pangraph Pangraph Pangraph Pangraph	



Equations	Font: Cambria Math, Font size: 12 pt		
(Style is the same as	Equation setting: Display	$\chi_0$	
Table Text)	The equation is put into two columns, borderless table. Put the equation in first column and number in second column. The alignment for both equation and number will be centered (horizontally and vertically)	$\bar{x} = \frac{1}{N_0 exp\left(\frac{PPV - PPV_c}{\eta}\right)}$	(1)
	Note: Preferably use the Microsoft in-built equation generator to show the equation, or a high quality image of equation with placement or alignment same as equation.		



Acknowledgement	Font size heading: 12 pt (CAPITAL LETTERS), <b>bold</b> Font size text: 12 pt Line spacing: exactly 14 pt Spacing before the paragraph: 10 pt Spacing after the paragraph: 6 pt no hanging, <b>not numbered</b> ,	Paragraph ? × Indents and Spacing Line and Page Breaks General Alignment:
	Alignment: Left	Qutline level:     Body Text     Collapsed by default       Indentation
		☐ <u>M</u> irror indents Spacing <u>B</u> efore: 10 pt ♀ Li <u>n</u> e spacing: <u>A</u> t:
		After:     6 pt     Exactly     14 pt       Don't add space between paragraphs of the same style
		Preview  Vereinst Patagraph Dentons Patagraph Derins. Patagraph Derinst Patagraph Dentons Patagraph Pertiest Patagraph Pethotog
Acknowledgement body text	Same as paragraph style	Iabs         Set As Default         OK         Cancel



Reference text	Reference heading: 12 pt Font size: 10 pt	Paragraph				?	×
	Line spacing: 12 pt exactly Spacing before the paragraph: 0 pt Spacing after the paragraph: 6 pt Indentation Hanging: (5 mm) Alignment: Justified	Indents and Sp General Alignment:	Justified	Page Breaks	Wet - 200- 1400		
	Reference style: APA 7 <sup>th</sup> Edition	Qutline level	Body Text	Collapse	d by default		
		Left:	0 mm 🜲	Special:		By:	
		Bight	0 mm 🌲	Hanging	~	5 mm	\$
		Spacing Before:	0 pt	Li <u>n</u> e spacing	P.	At	
		After:	6 pt 📮	Exactly		12 pt	\$
		Preview Frencisson, P graph, Parel Johanason, swelling 265, Enj P ultimong P stillering	nagosh Persona Pangrah P na Pangrah Perlan Pangra D., Ouchestony, F. & Nyber Jiam del scale. In P. Moser Jiam EFEE, European Federati Pangrah Falinting Pang- Pangrah Felinting Pang-	aragraphs of the same s mines Paggaph Person Paggaph Pr di Pennin Paggaph Person Paggaph g. U. (2007). Blasting against aggregate (Ed.), 4th EFEE World Conference on I on ph Pellowing Paggaph Pellowing 1 ph Pellowing Paggaph Pellowing 1 ph Pellowing Paggaph Pellowing 1	miose Pangagh Pens a couffnement, fragmen Explositives and Blastar Pangagh Pulloonag Pangagh, Pulloonag	tation and 1g (pp. 13- Paragraph Paragraph	
		Iabs	Set As I	Default	ОК	Can	cel

